

FIG. 1

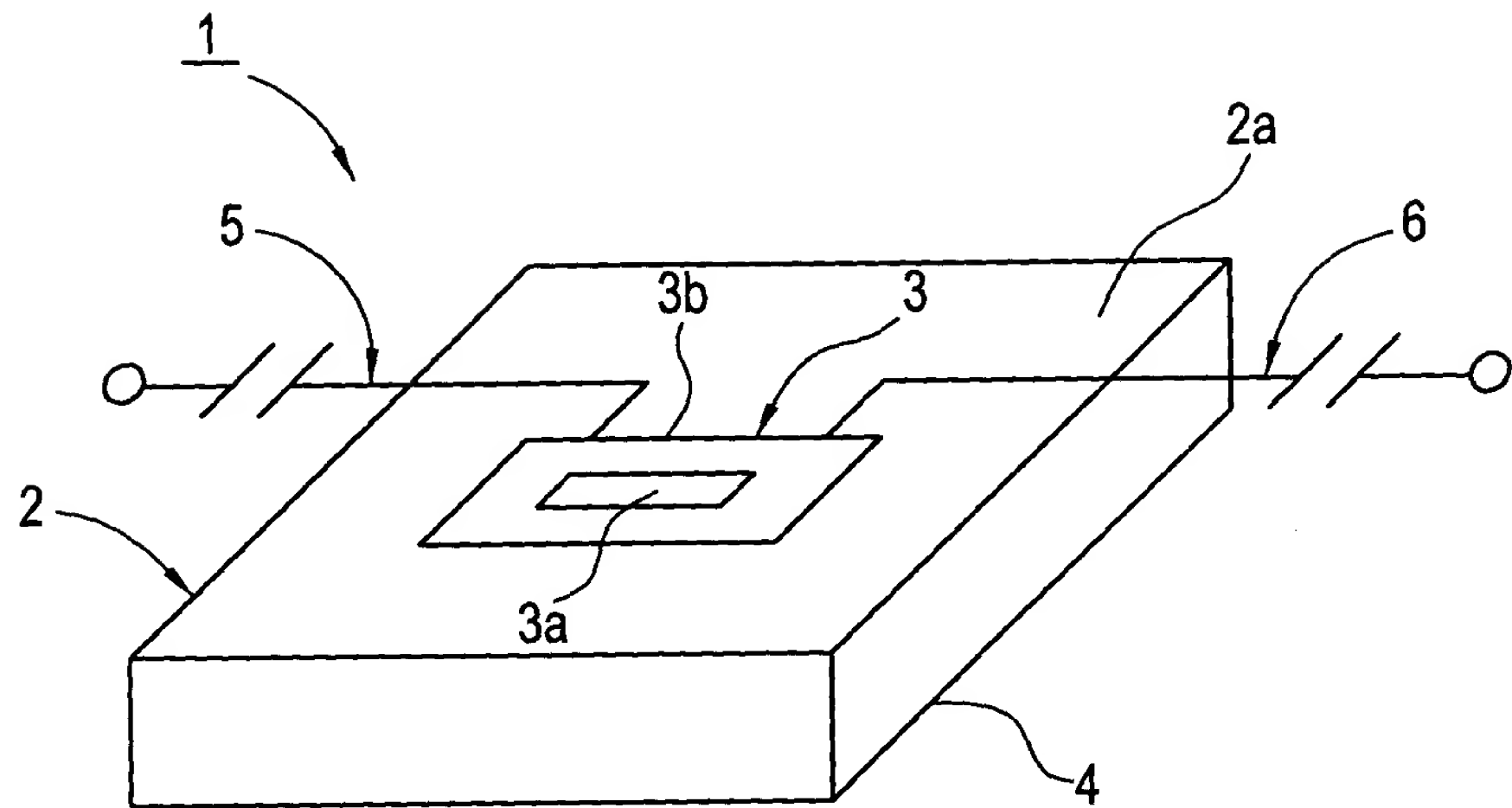


FIG. 2

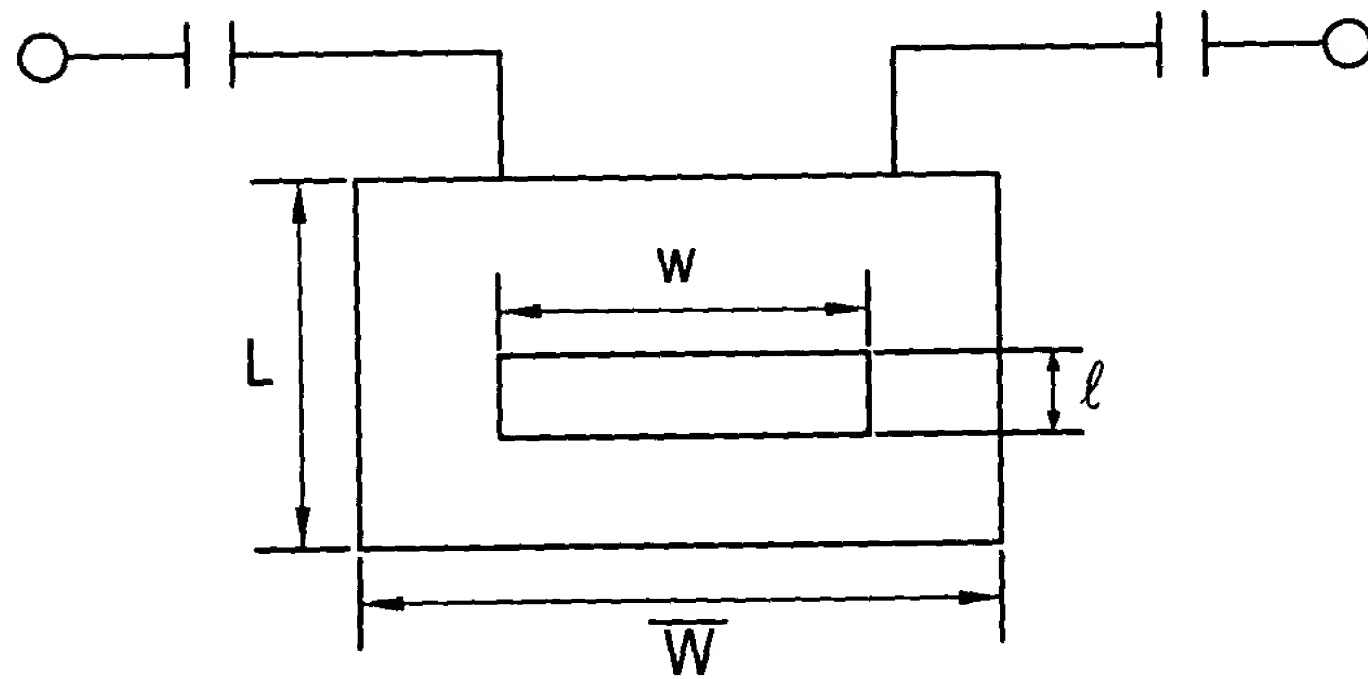


FIG. 3

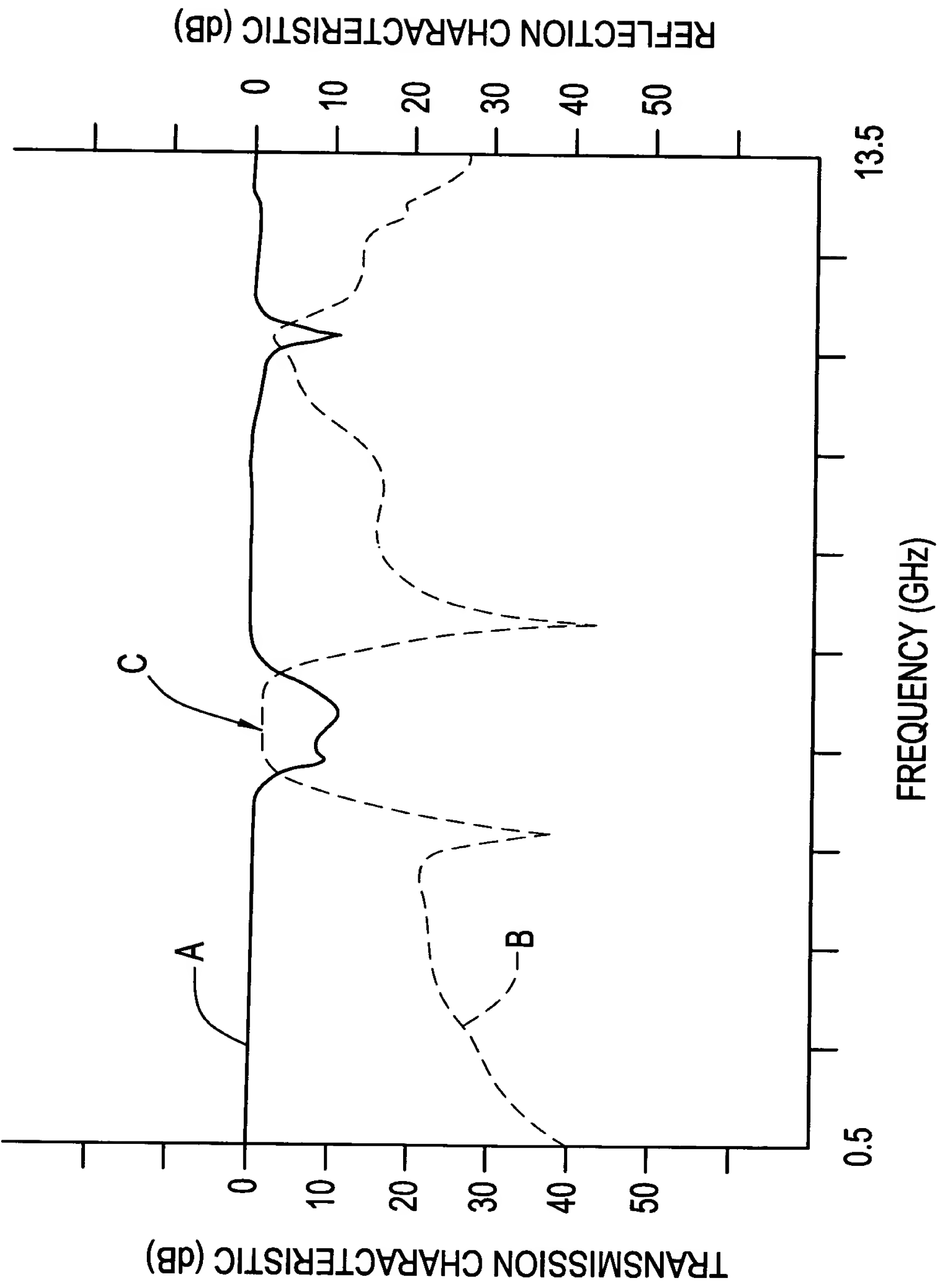


FIG. 4

NO OPENING

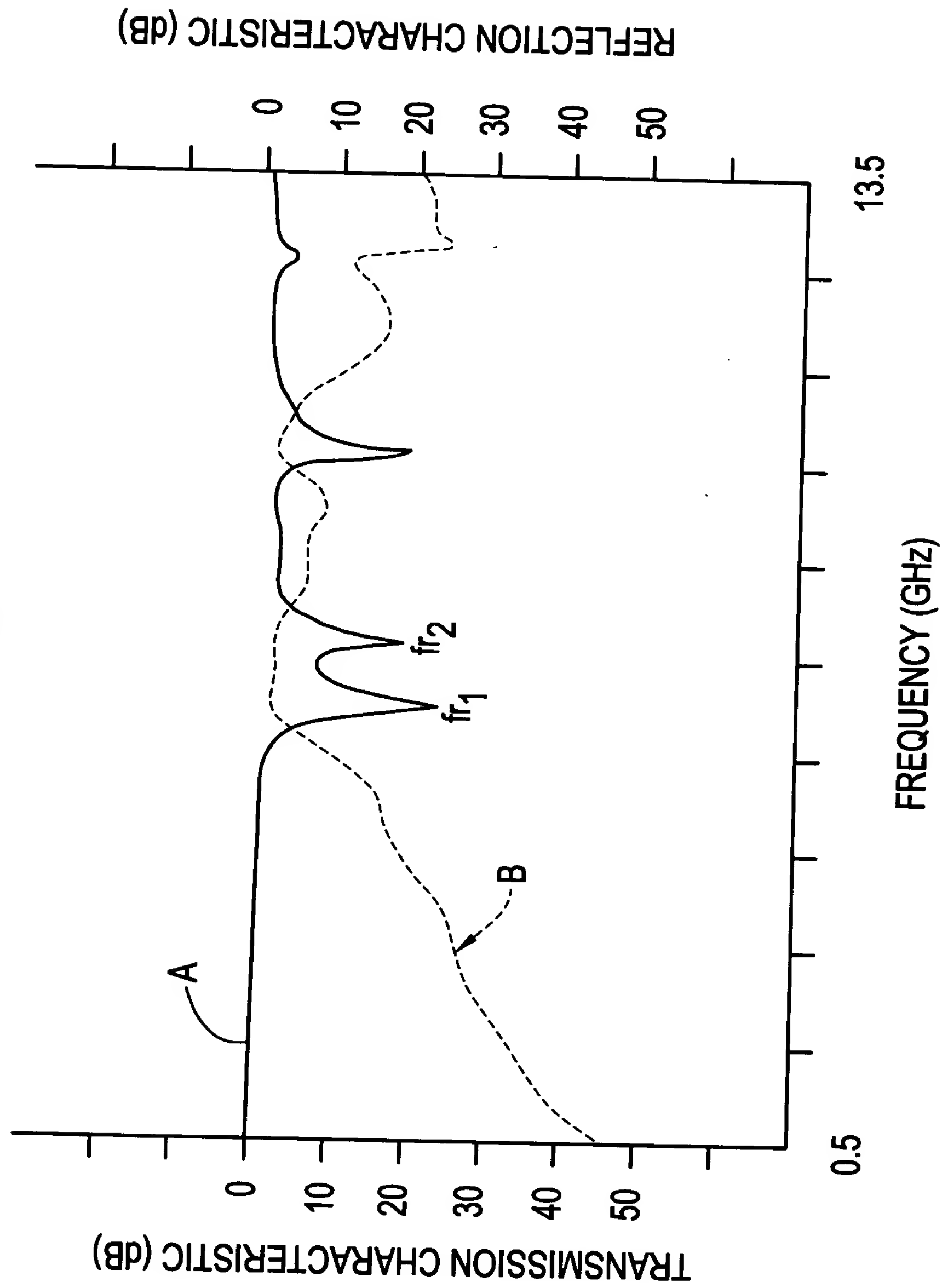


FIG. 5
LENGTH OF OPENING 6mm

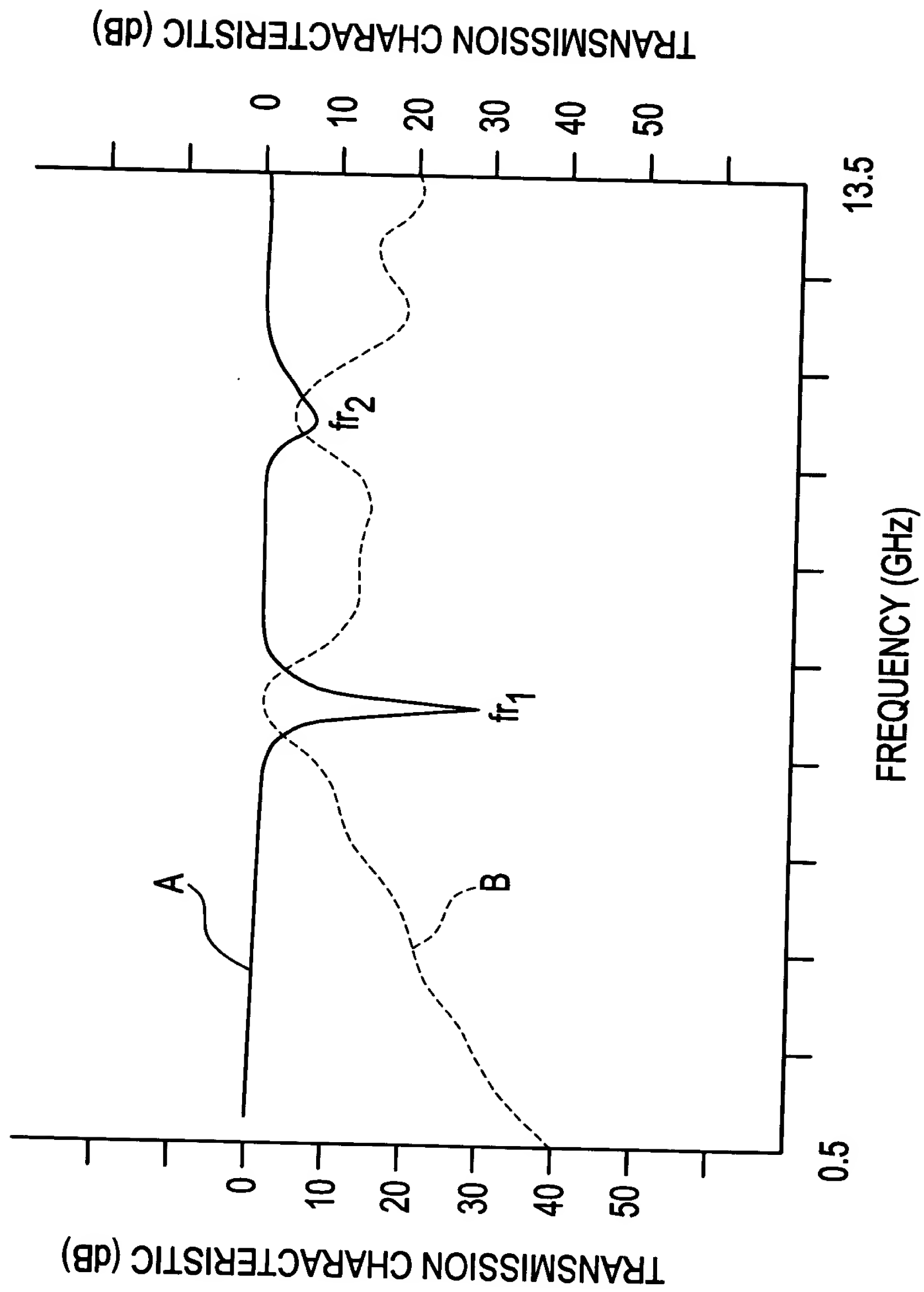


FIG. 6

LENGTH OF OPENING 8mm

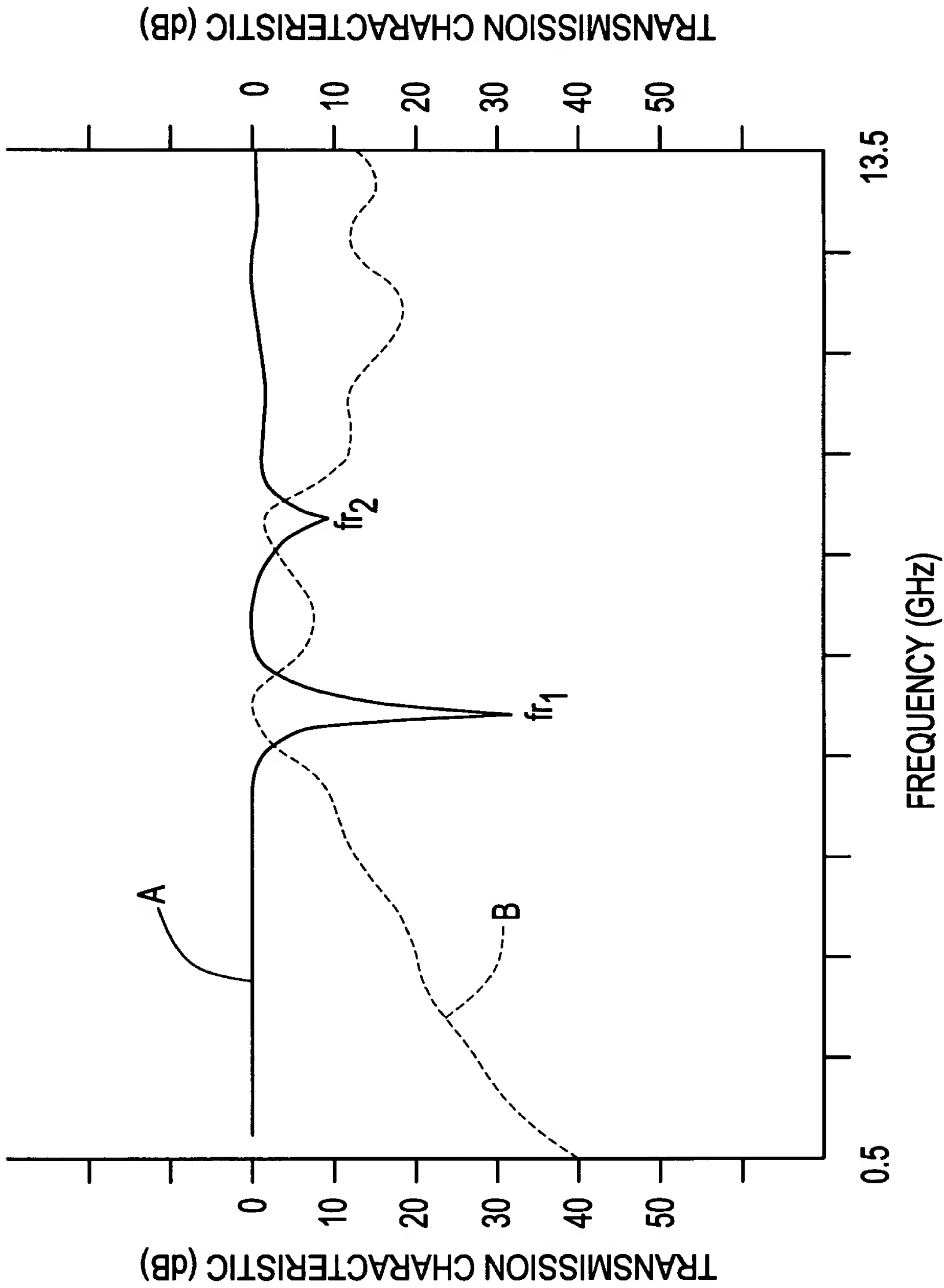


FIG. 7

LENGTH OF OPENING 10mm

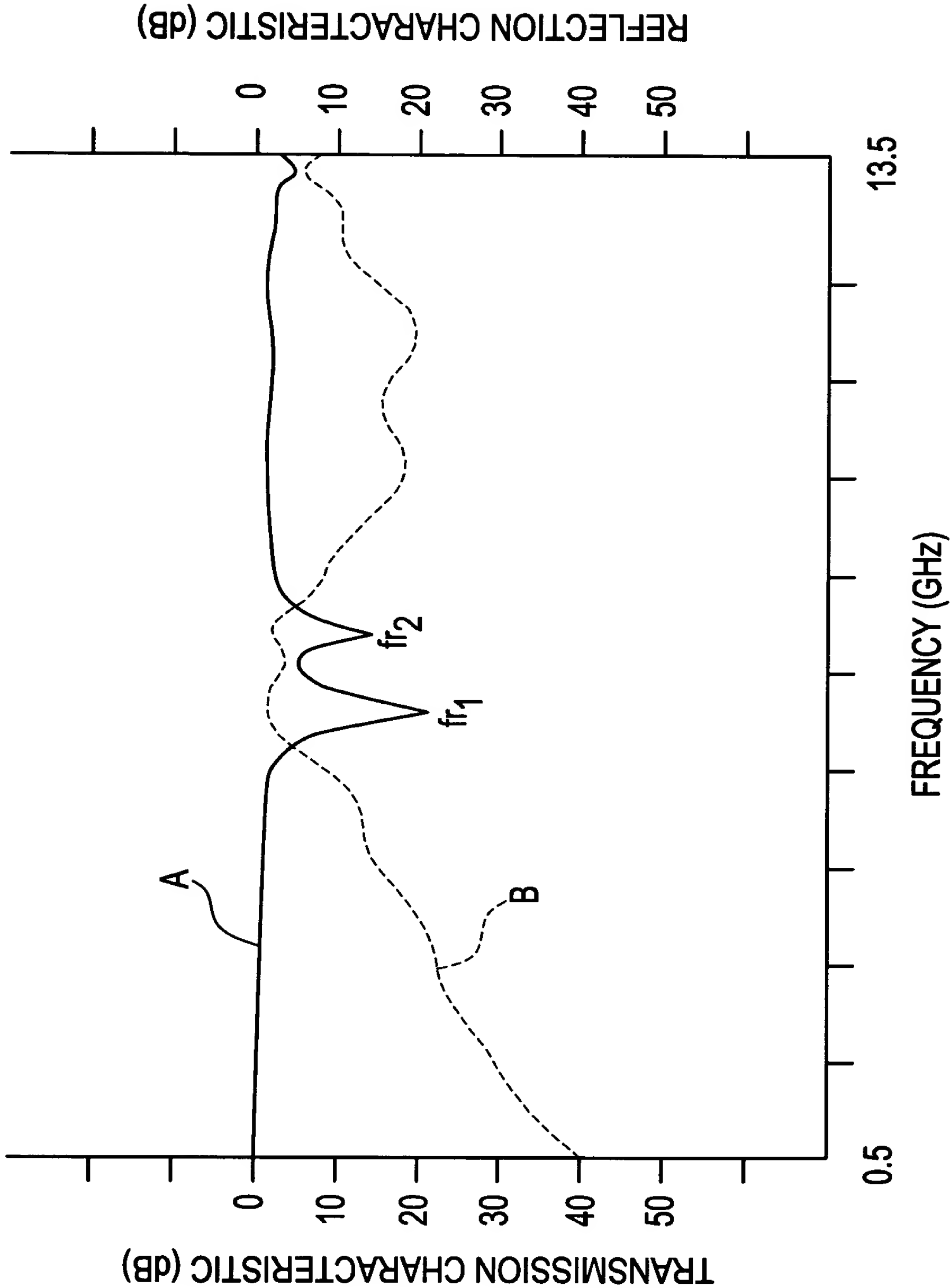


FIG. 8

LENGTH OF OPENING 12mm

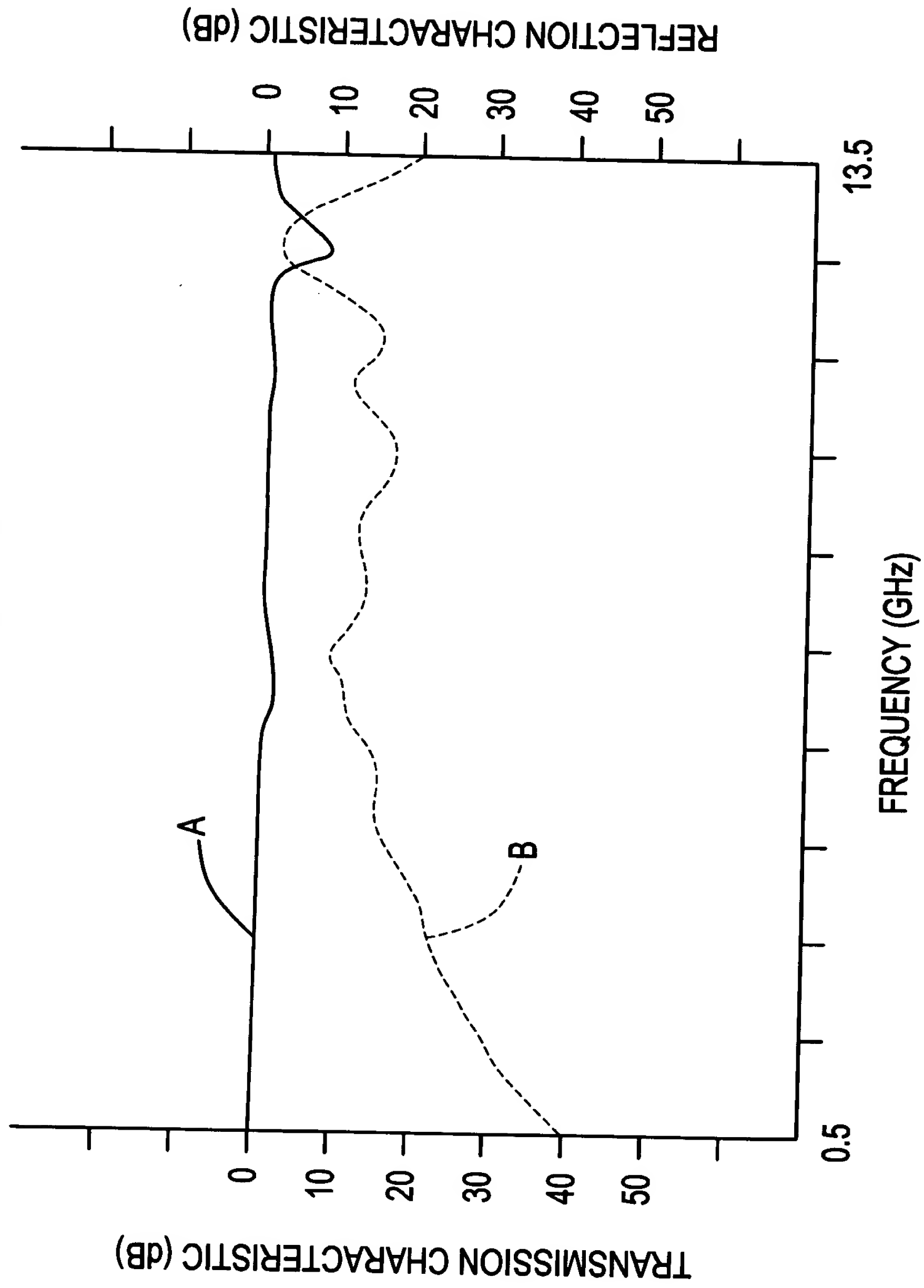


FIG. 9

LENGTH OF OPENING 13.5mm

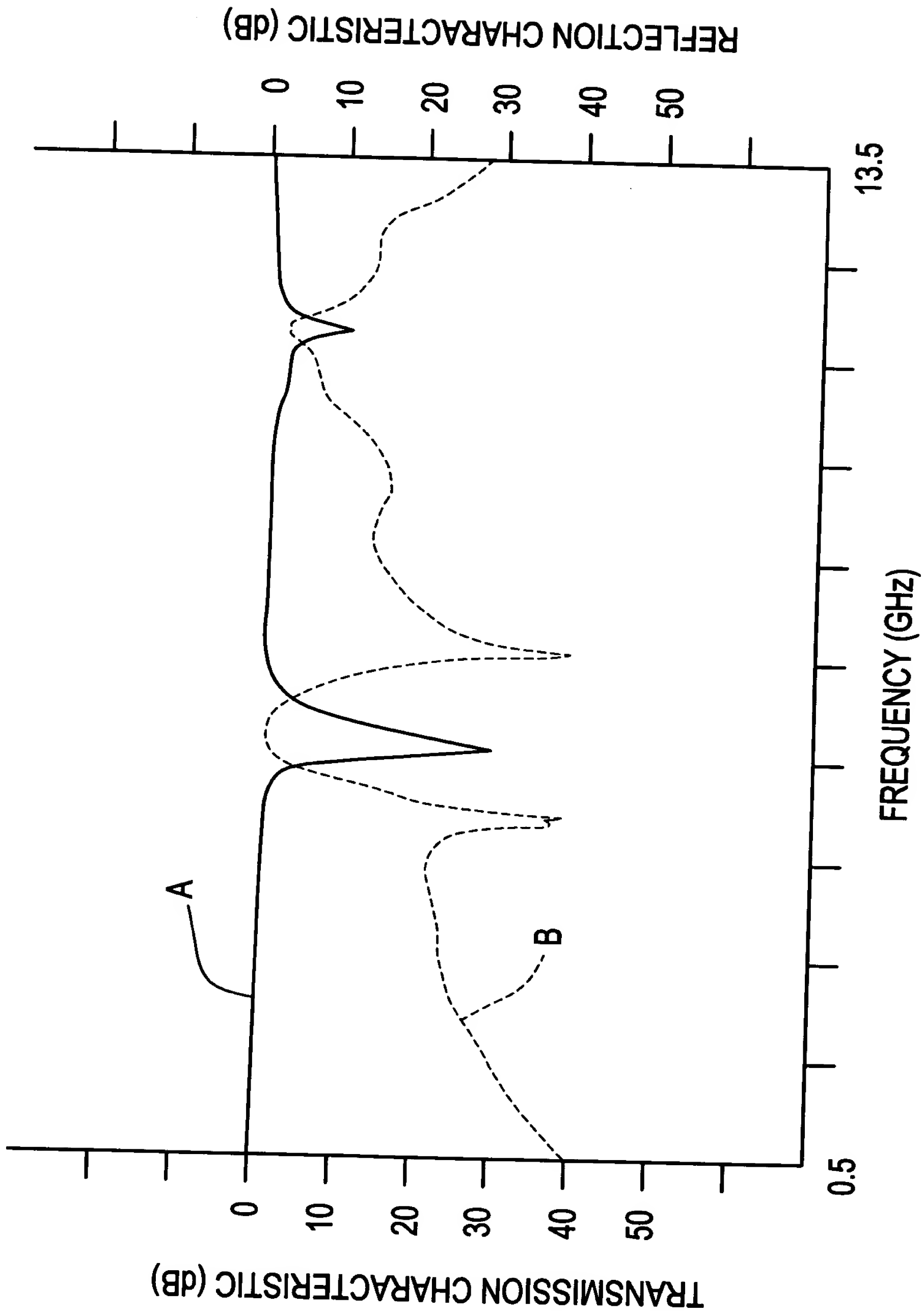


FIG. 10A

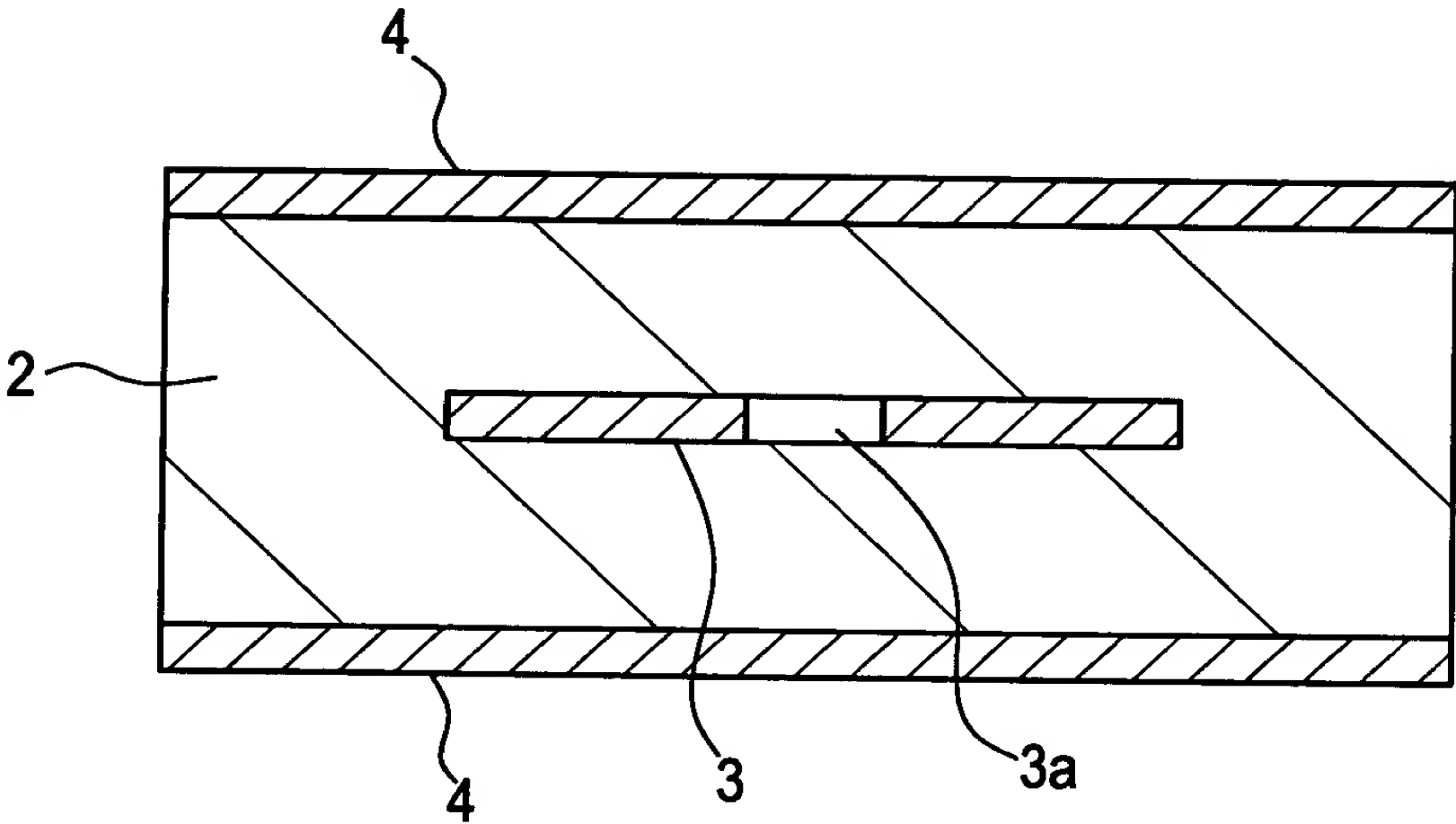


FIG. 10B

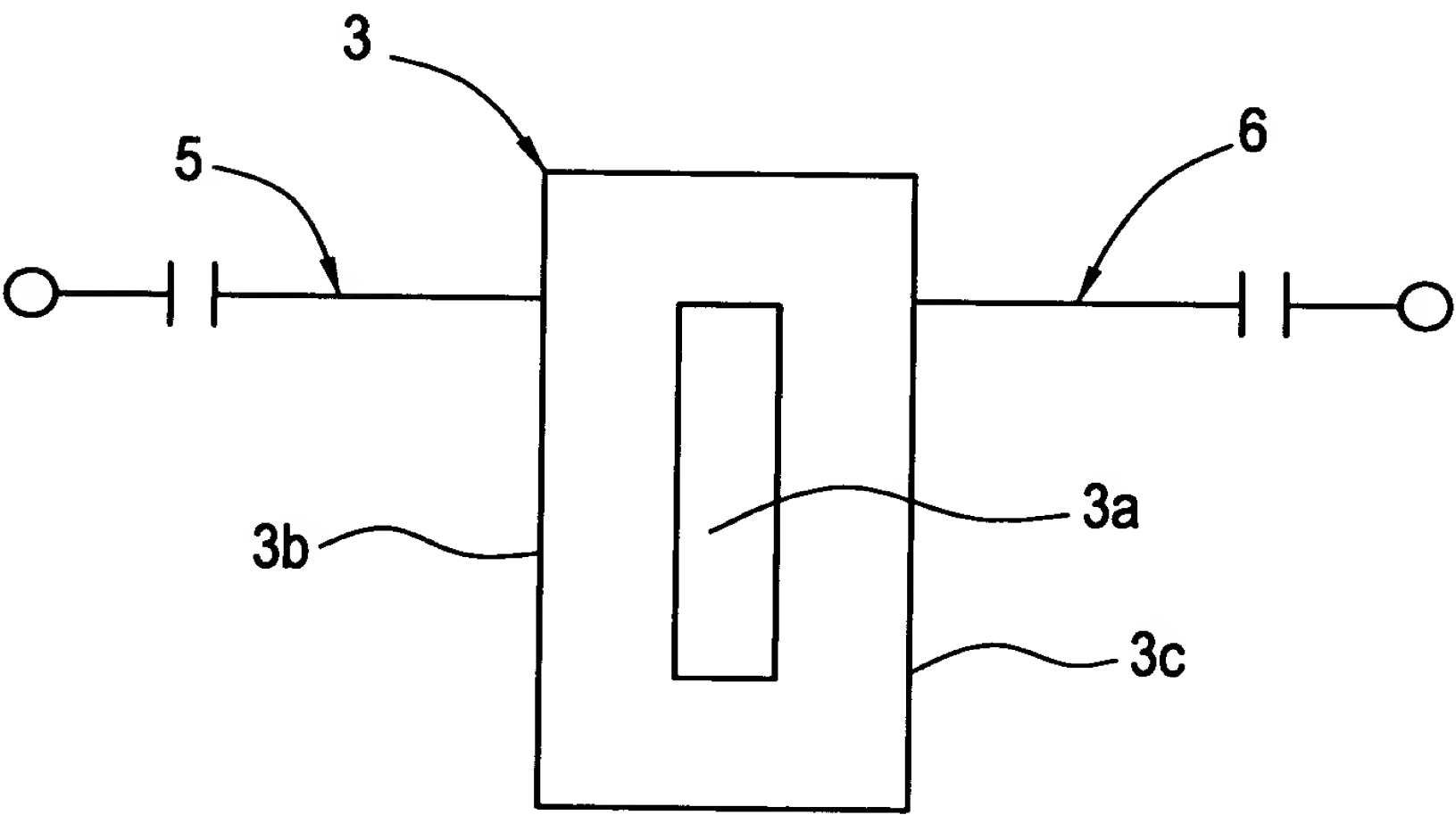


FIG.11

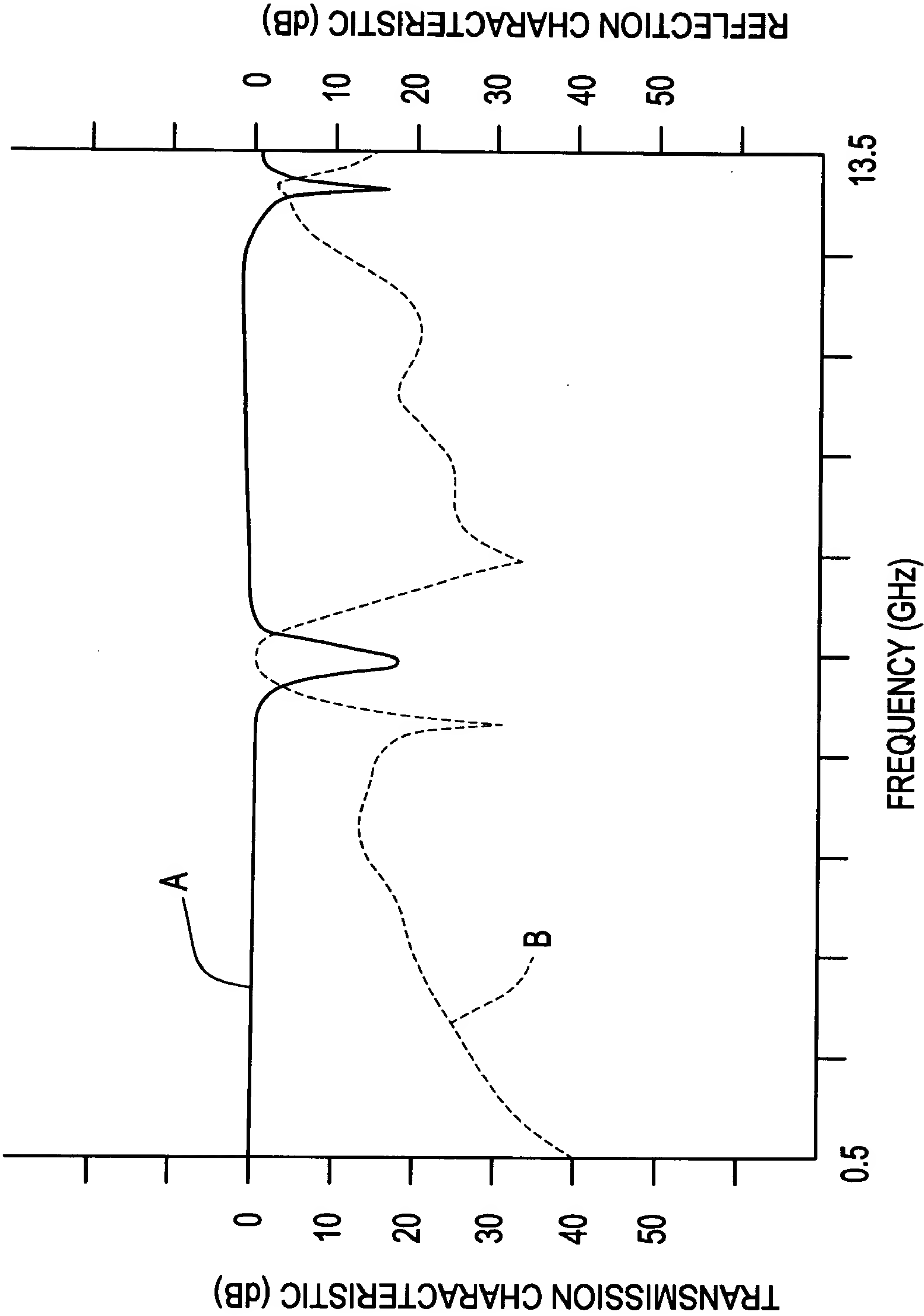


FIG. 12

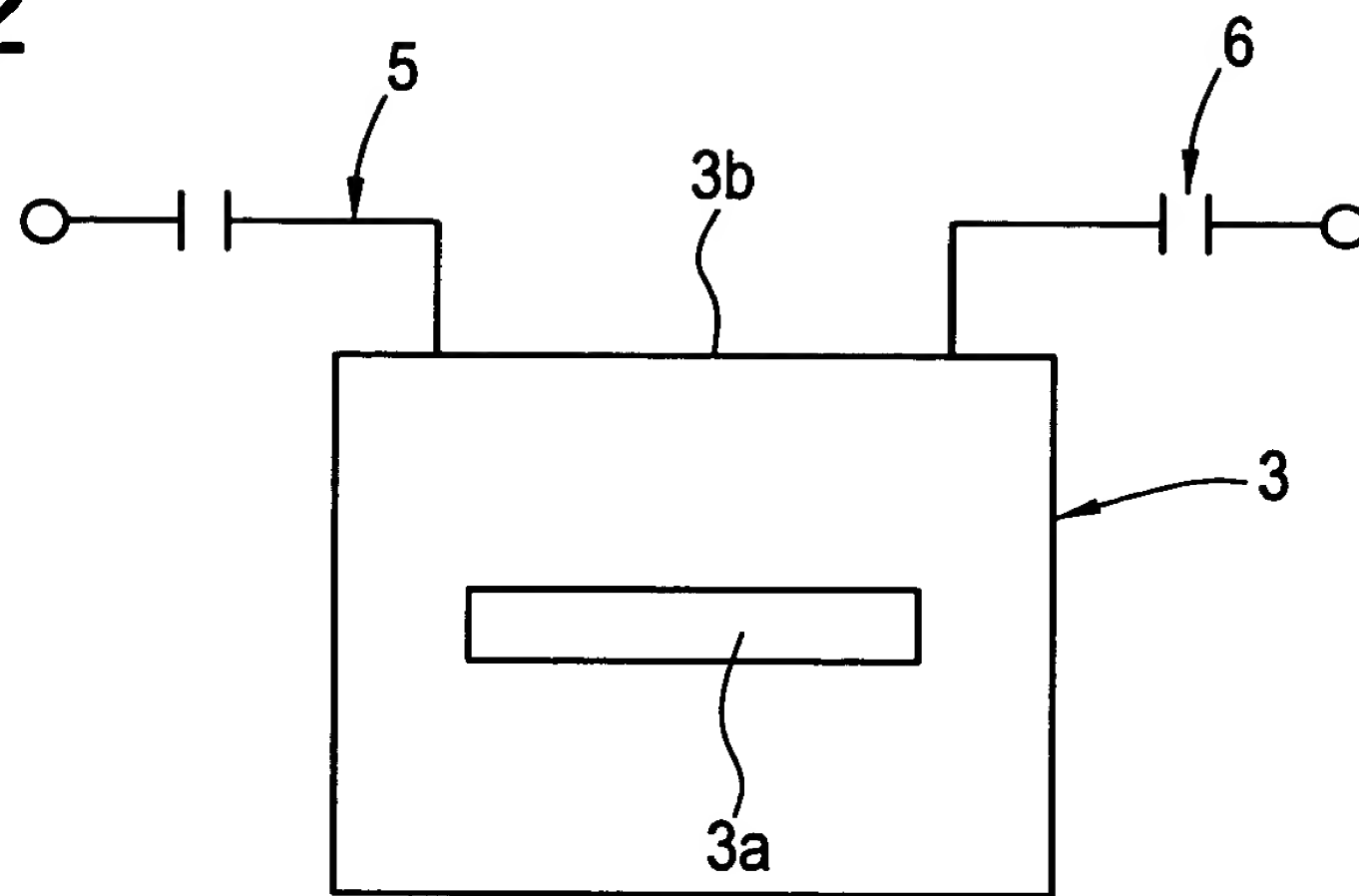


FIG. 14

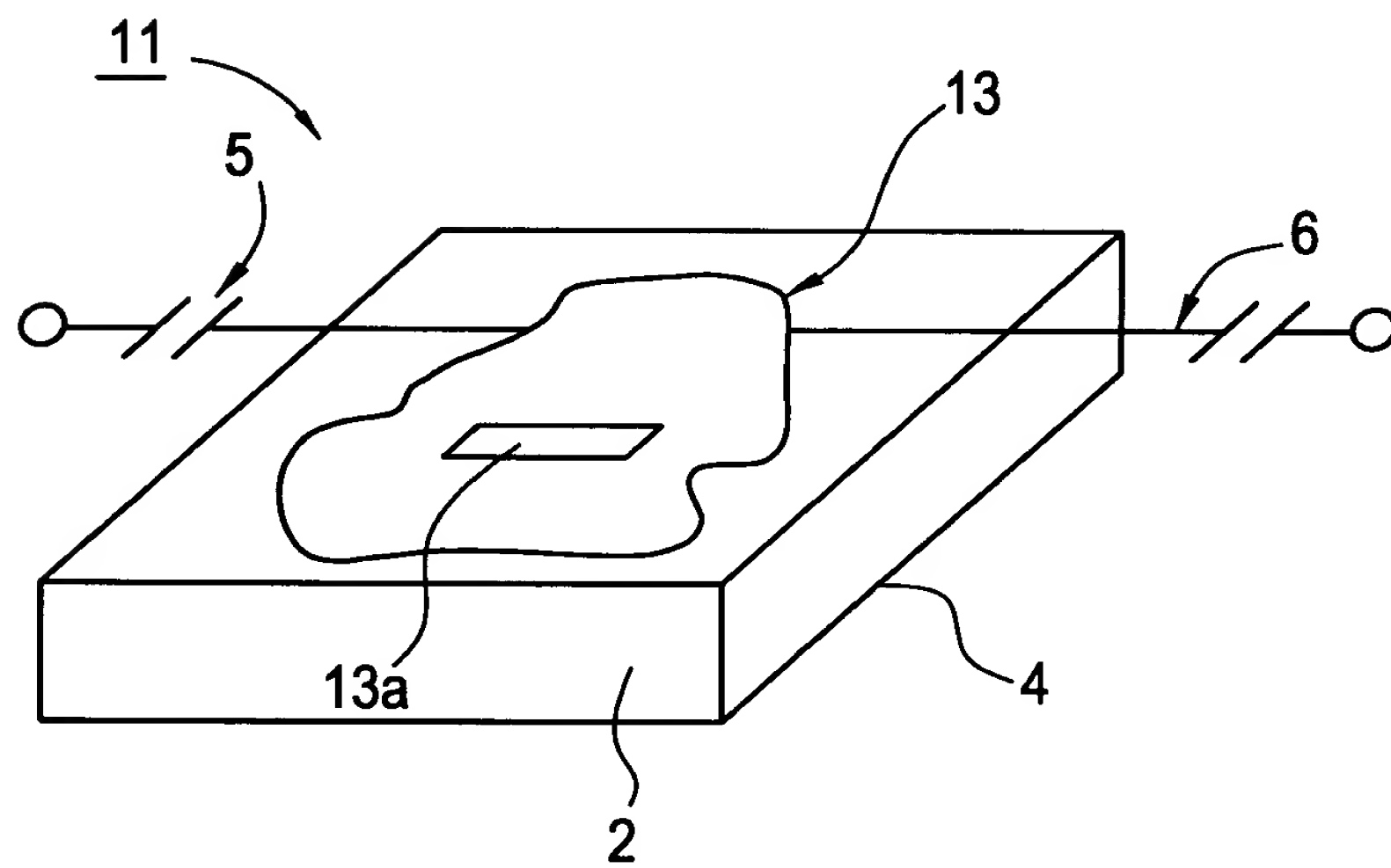


FIG. 15

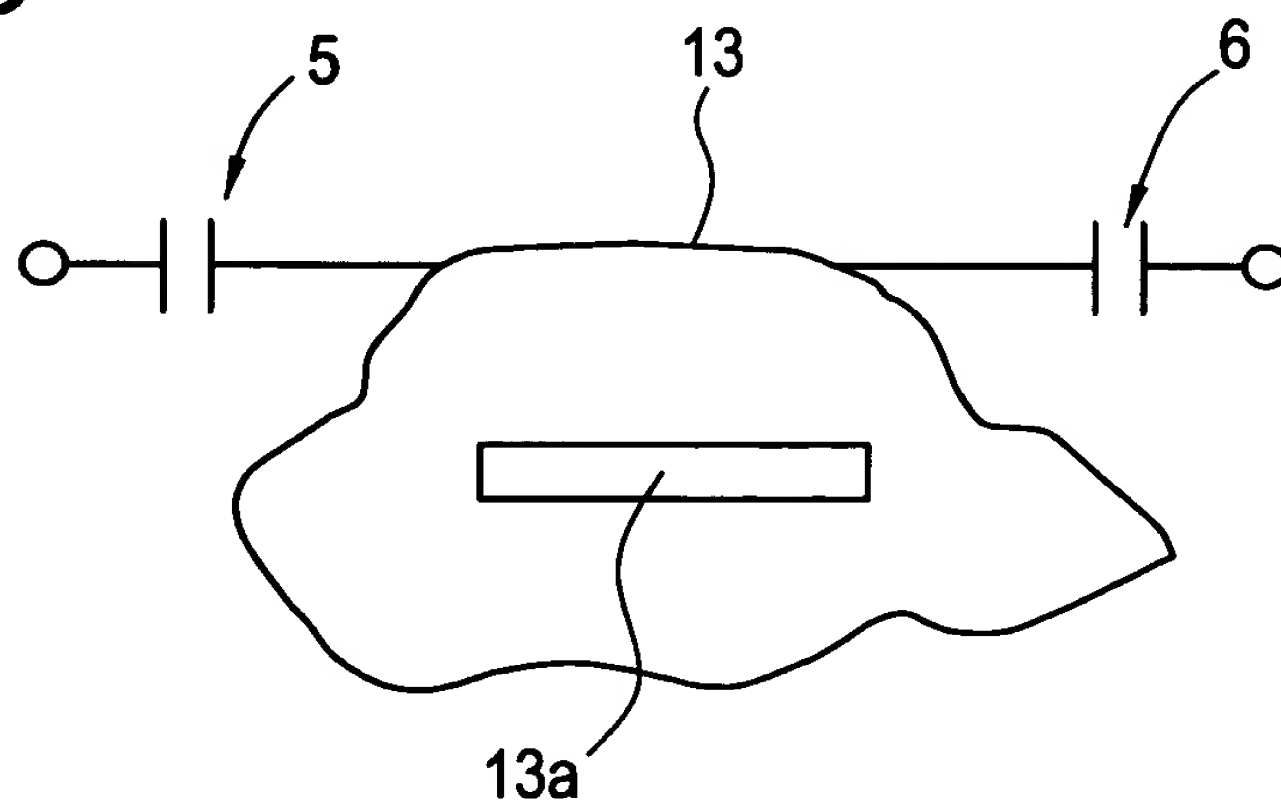


FIG. 13

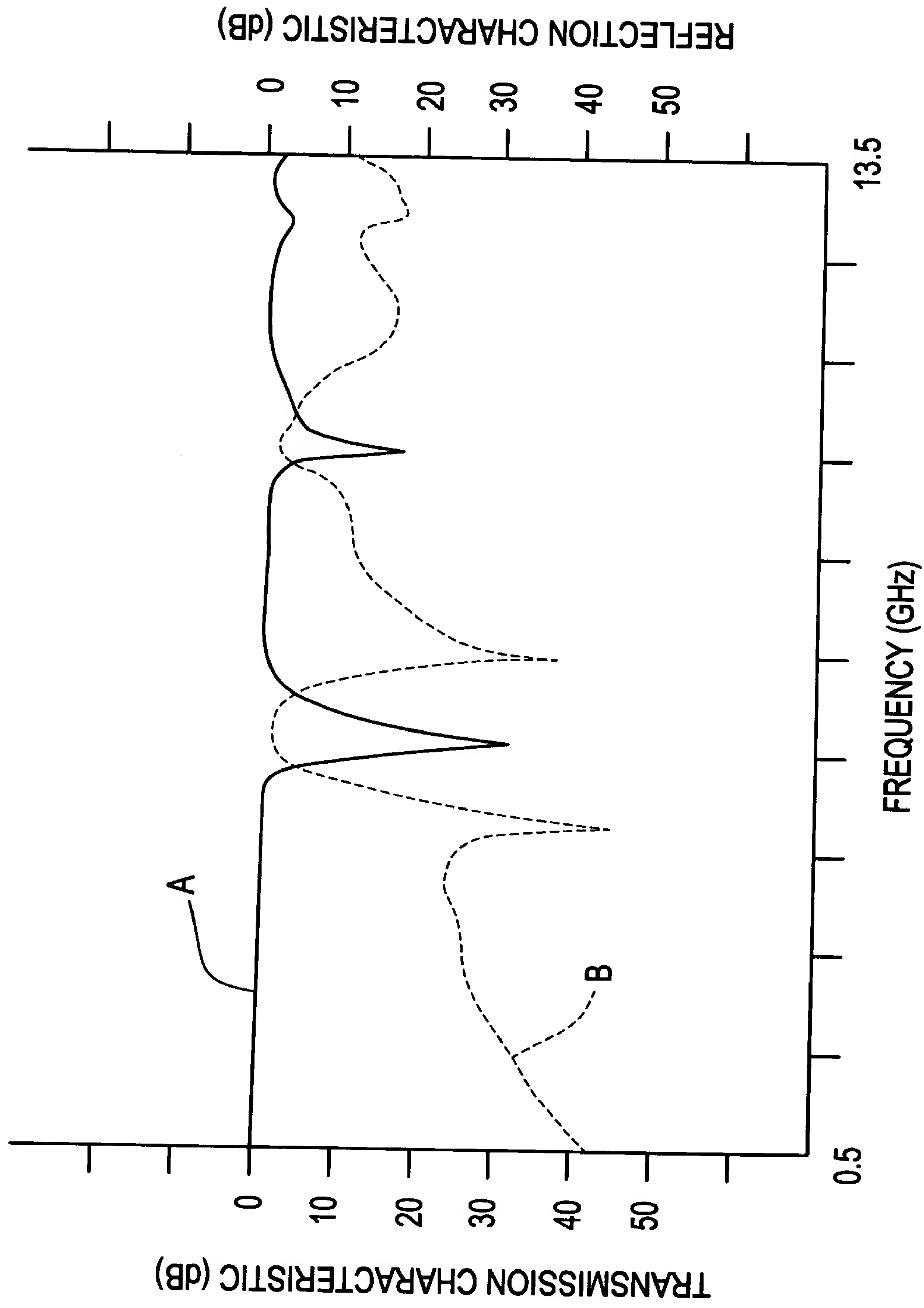
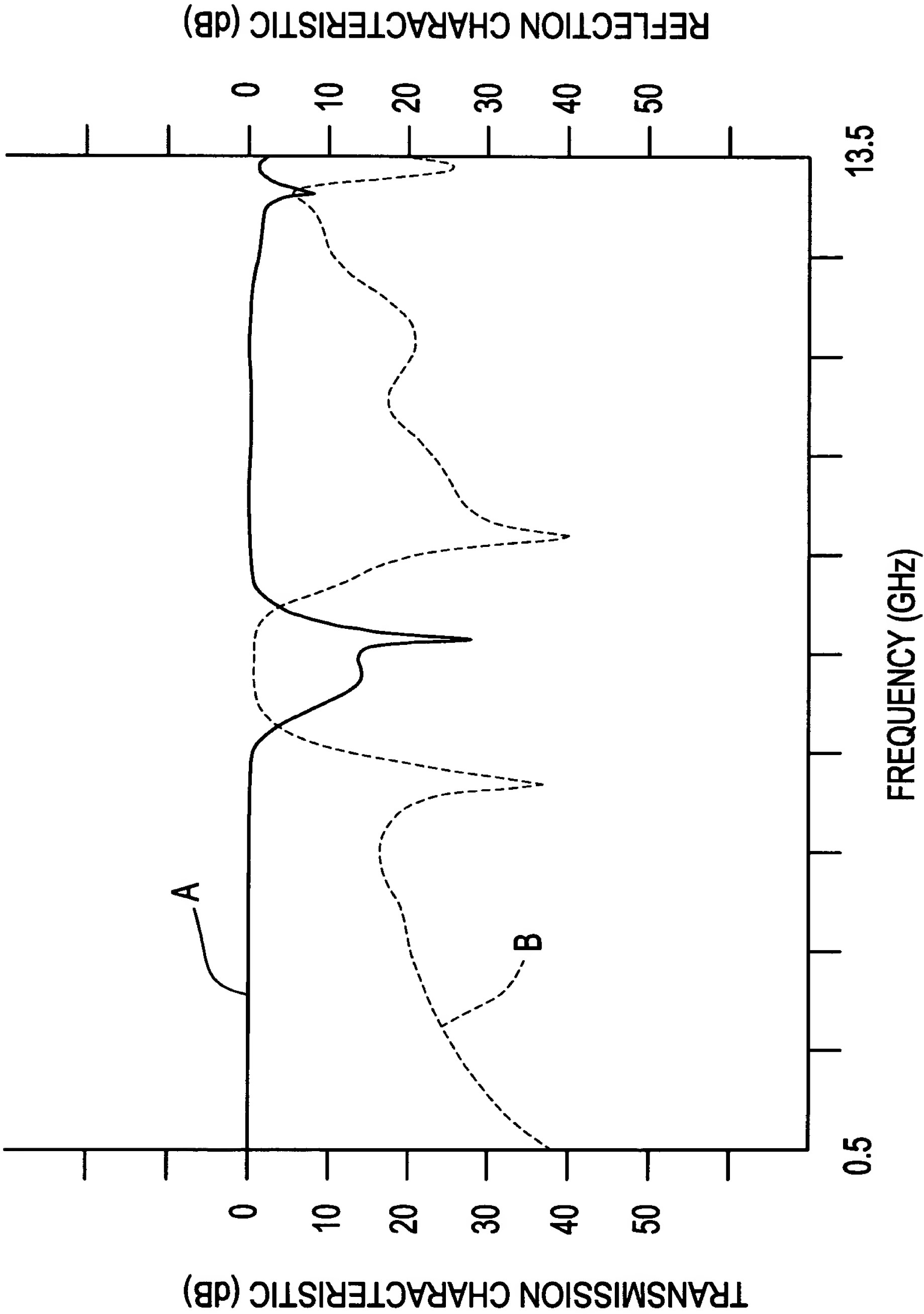


FIG.16



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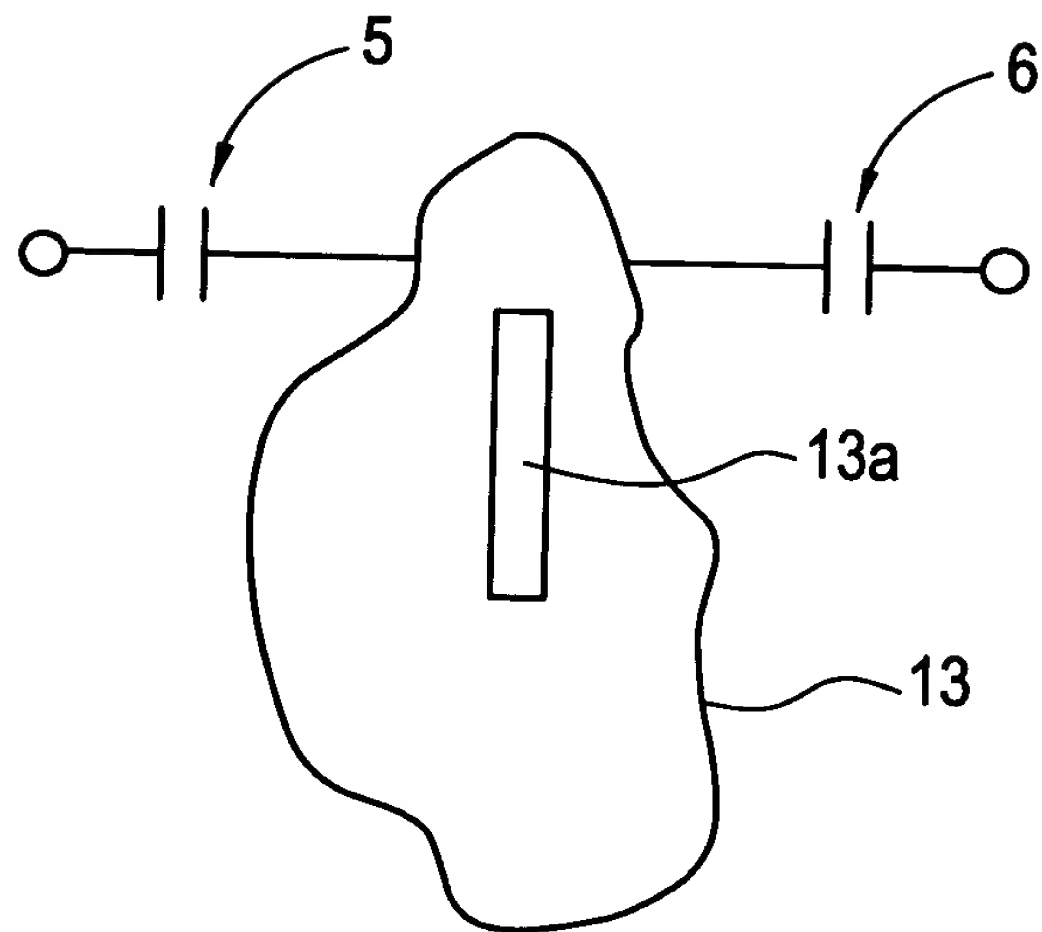
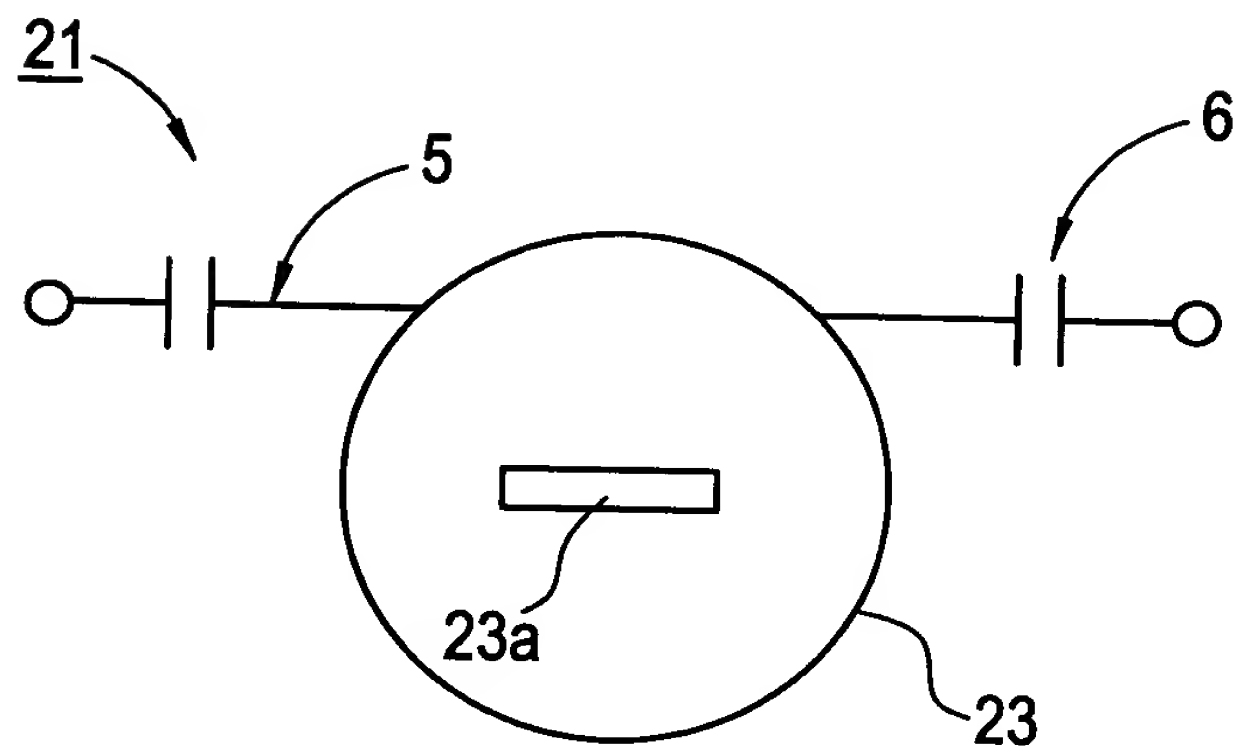
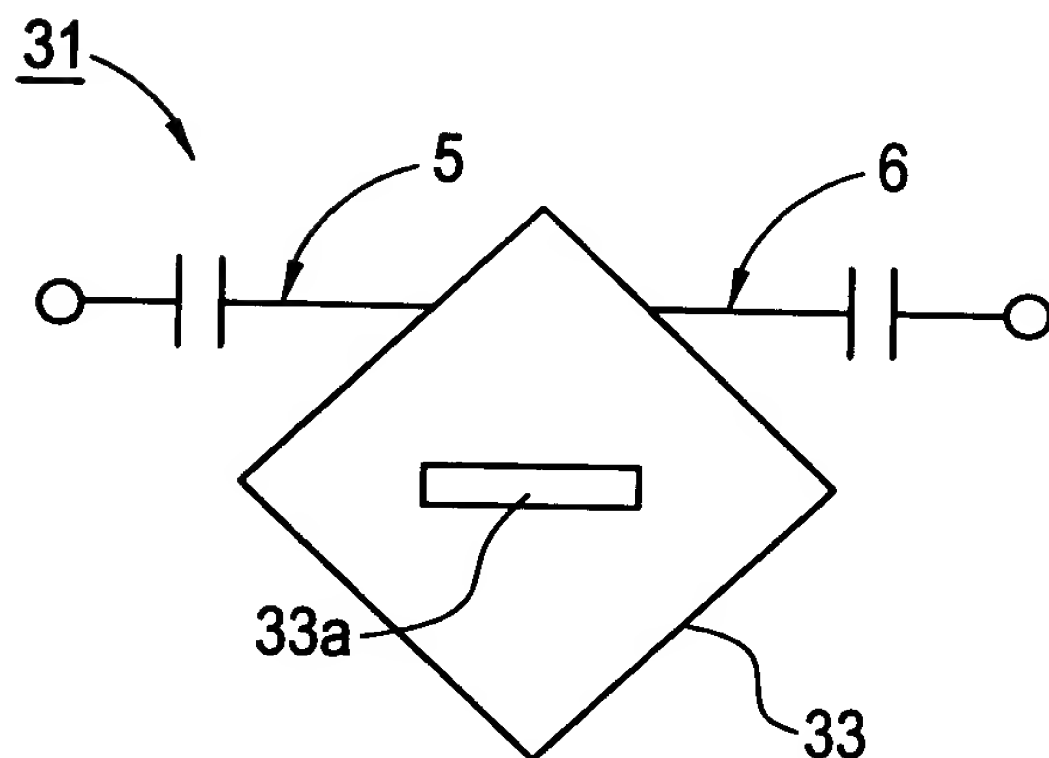
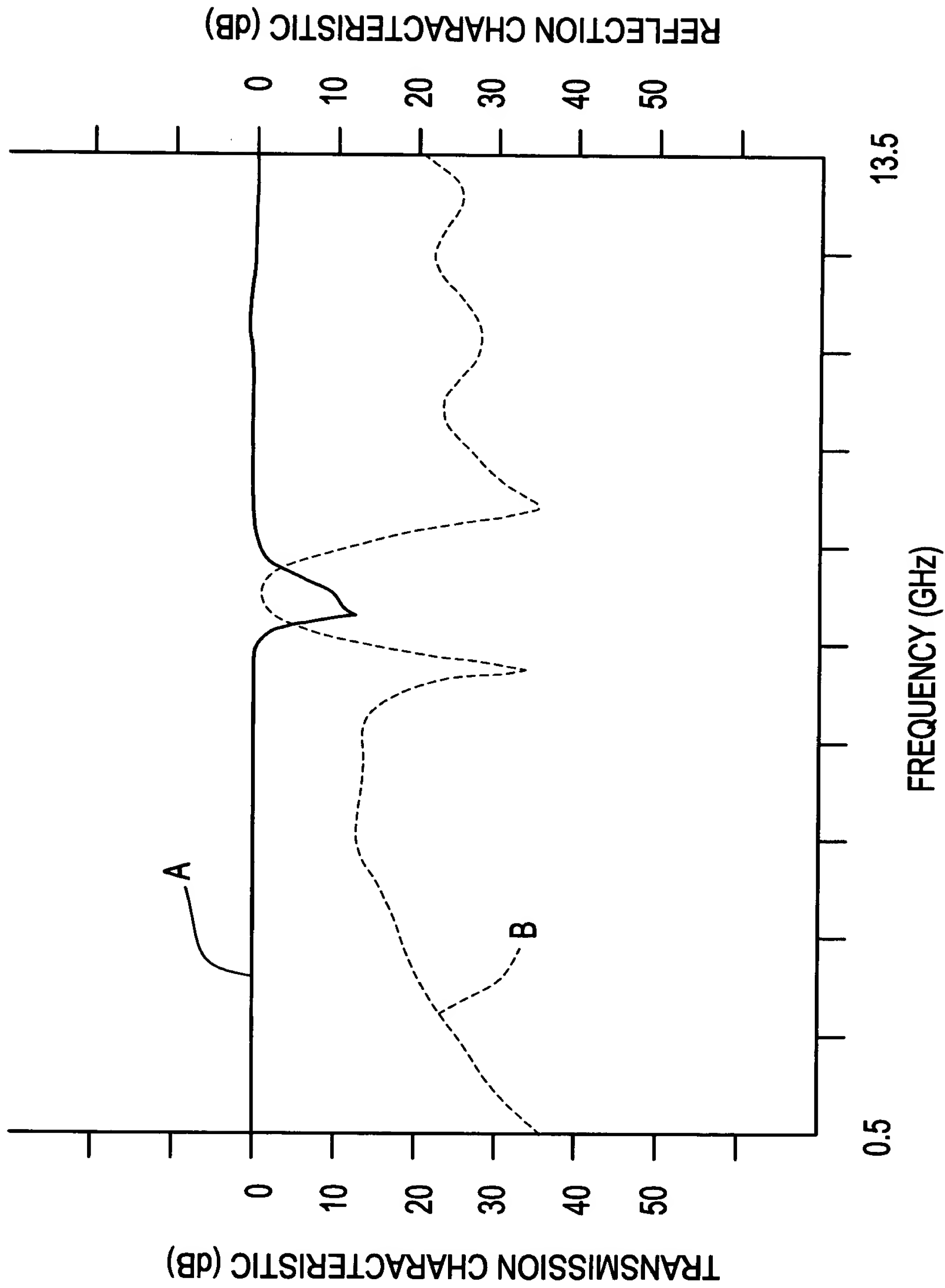
FIG. 17**FIG. 19****FIG. 21**

FIG. 18



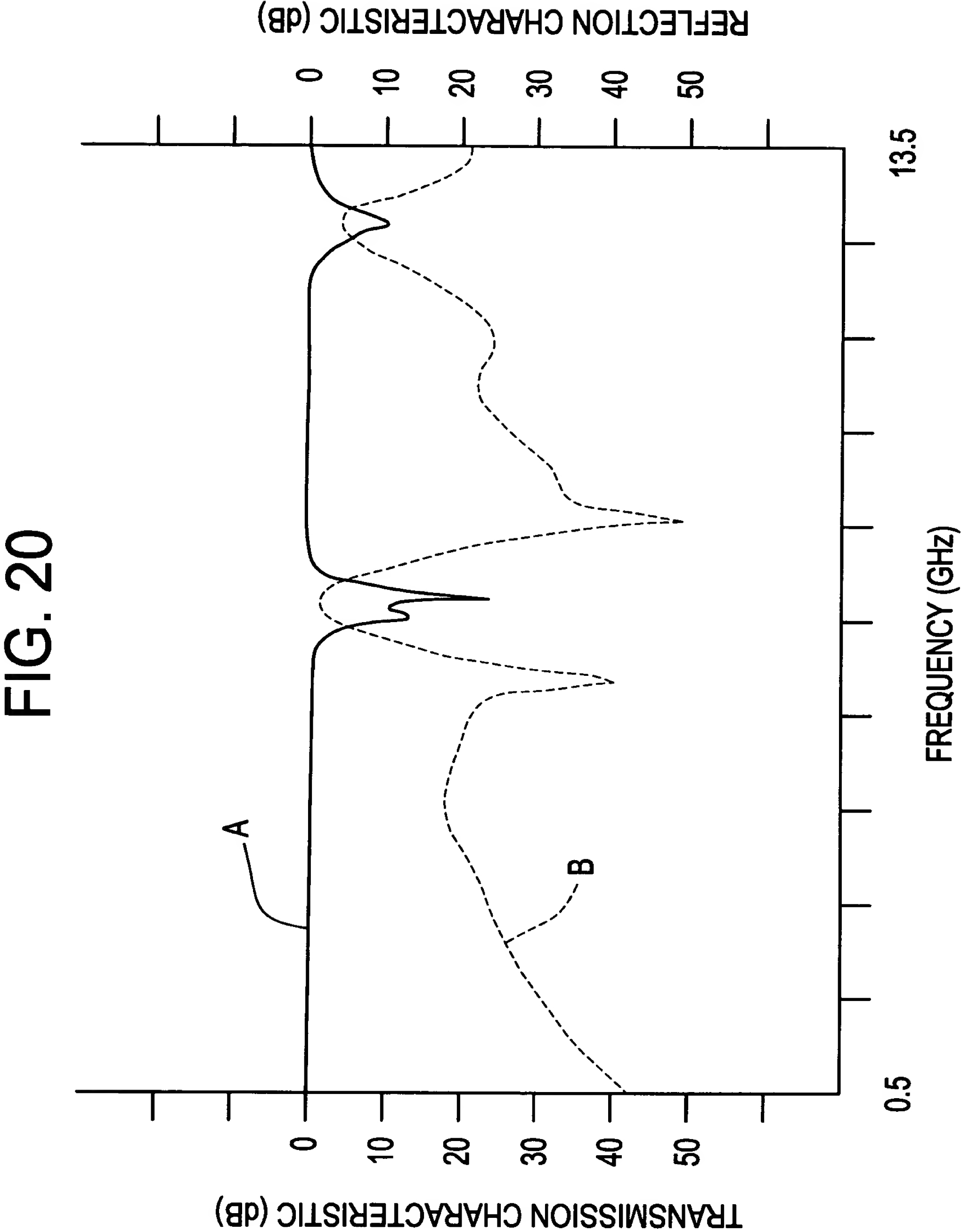
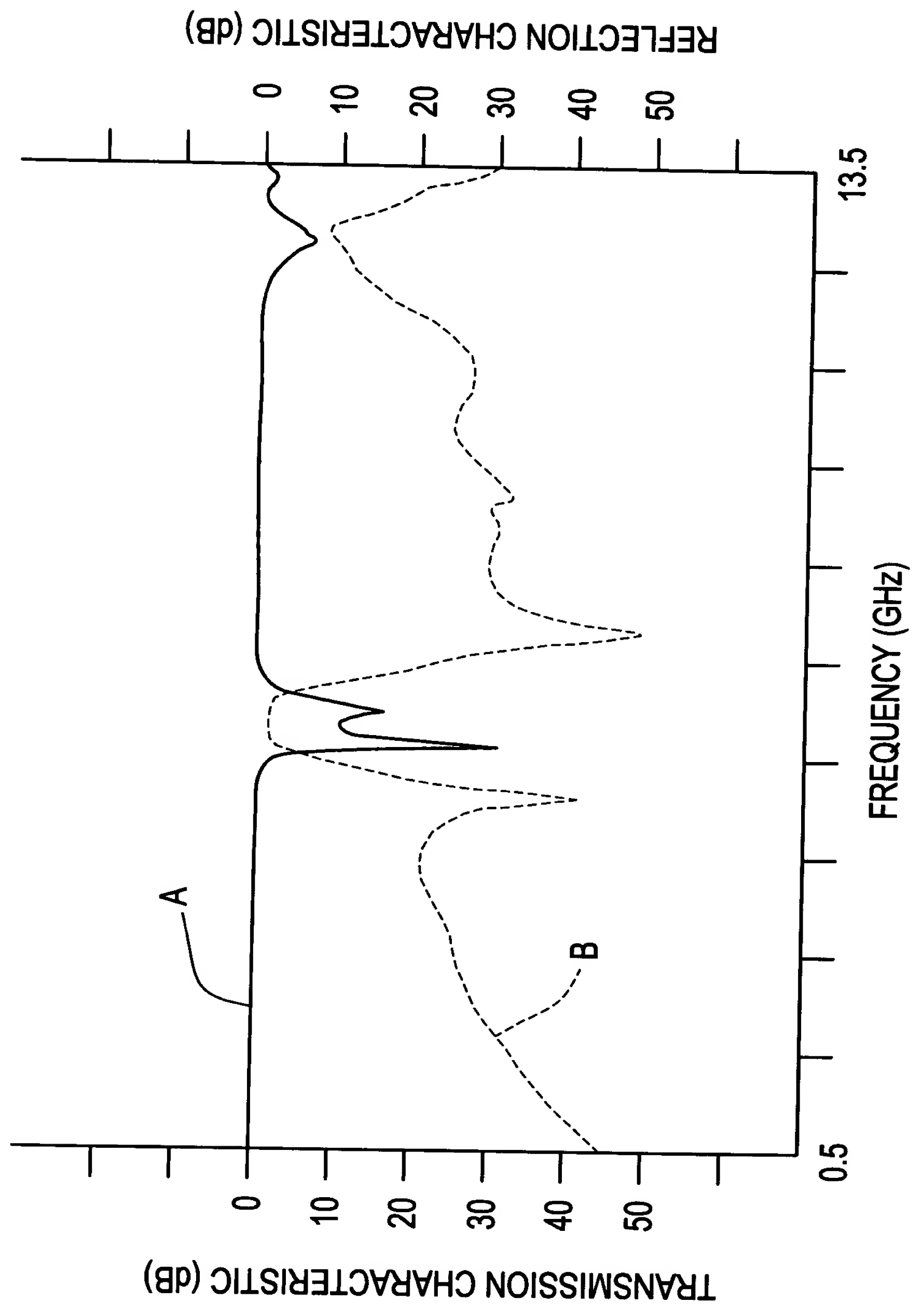


FIG.22



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FIG. 23

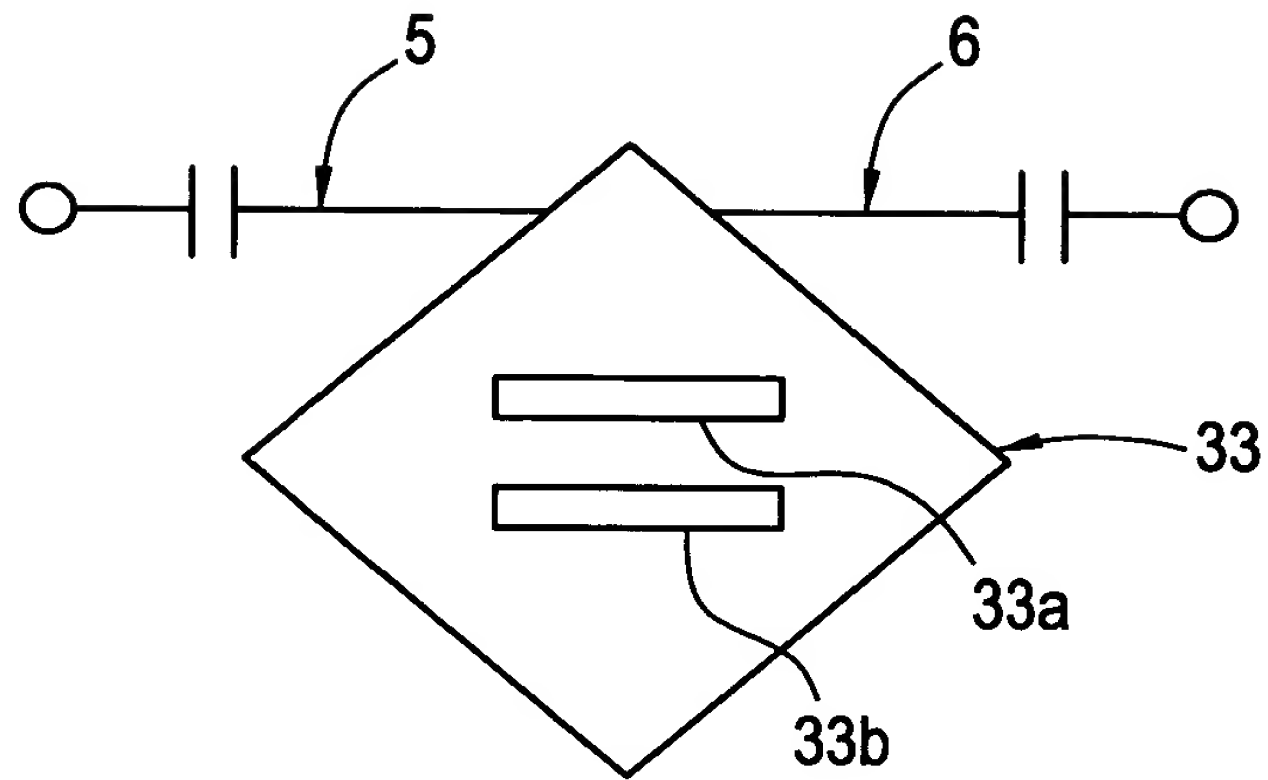


FIG. 25

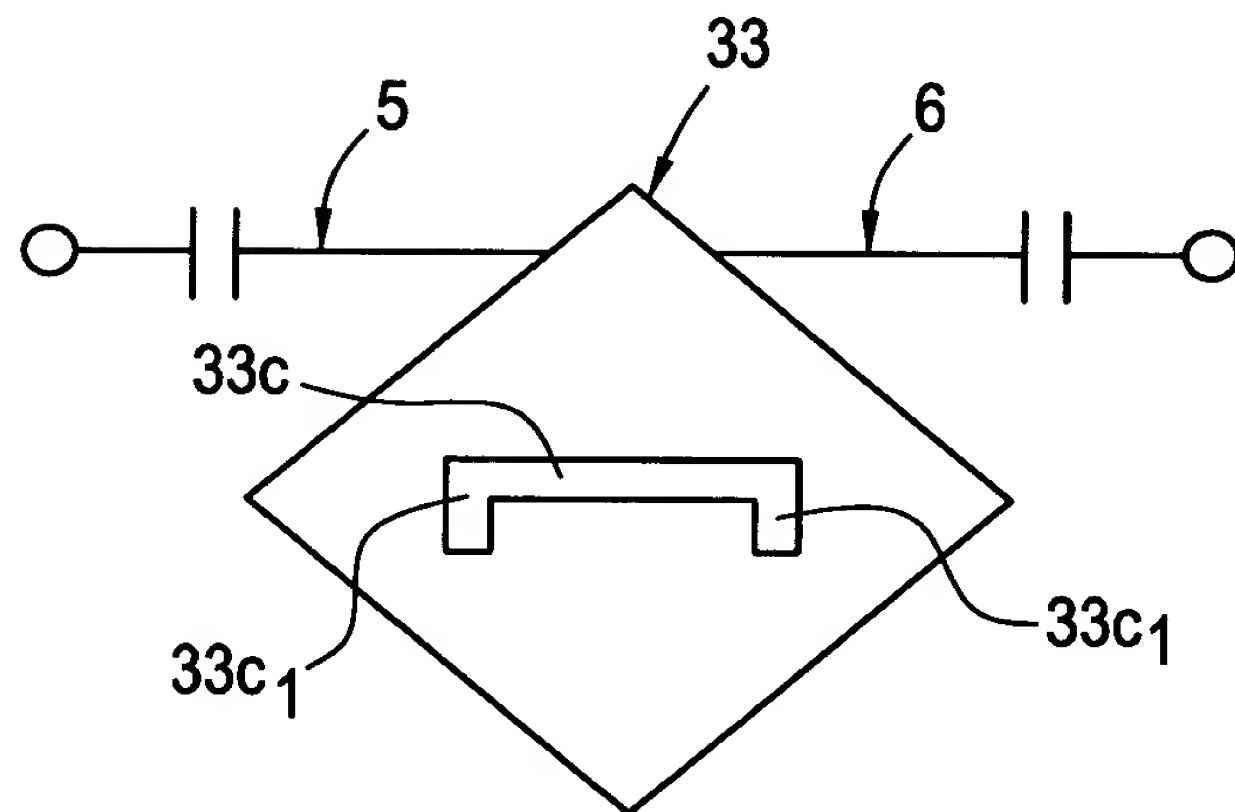


FIG. 27

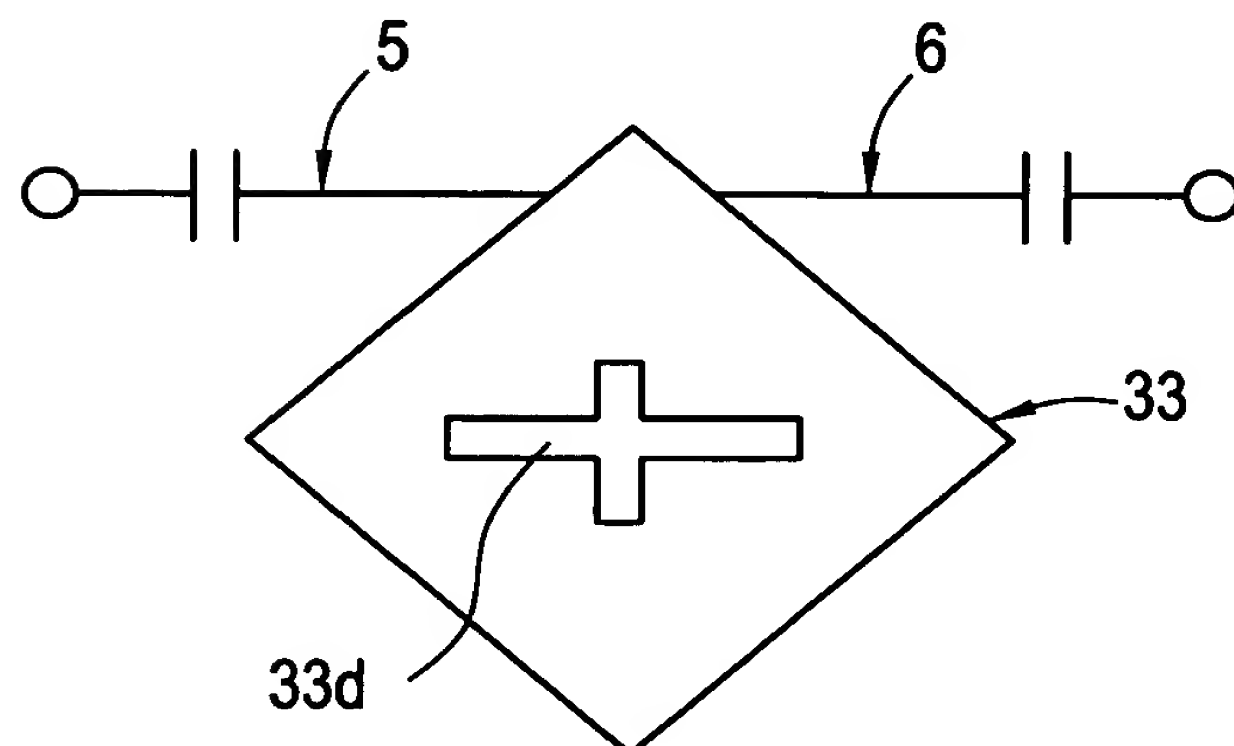


FIG. 24

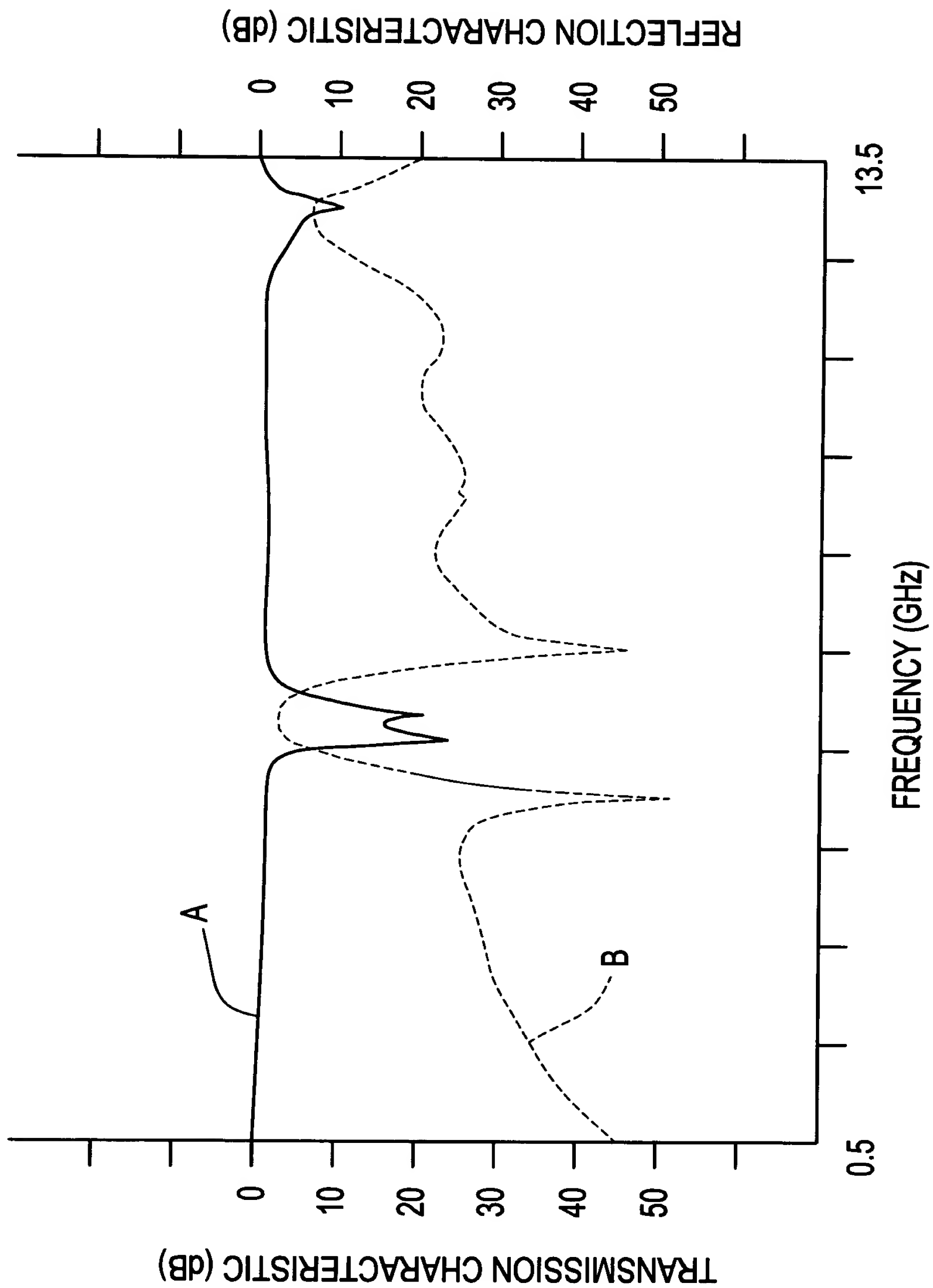


FIG.26

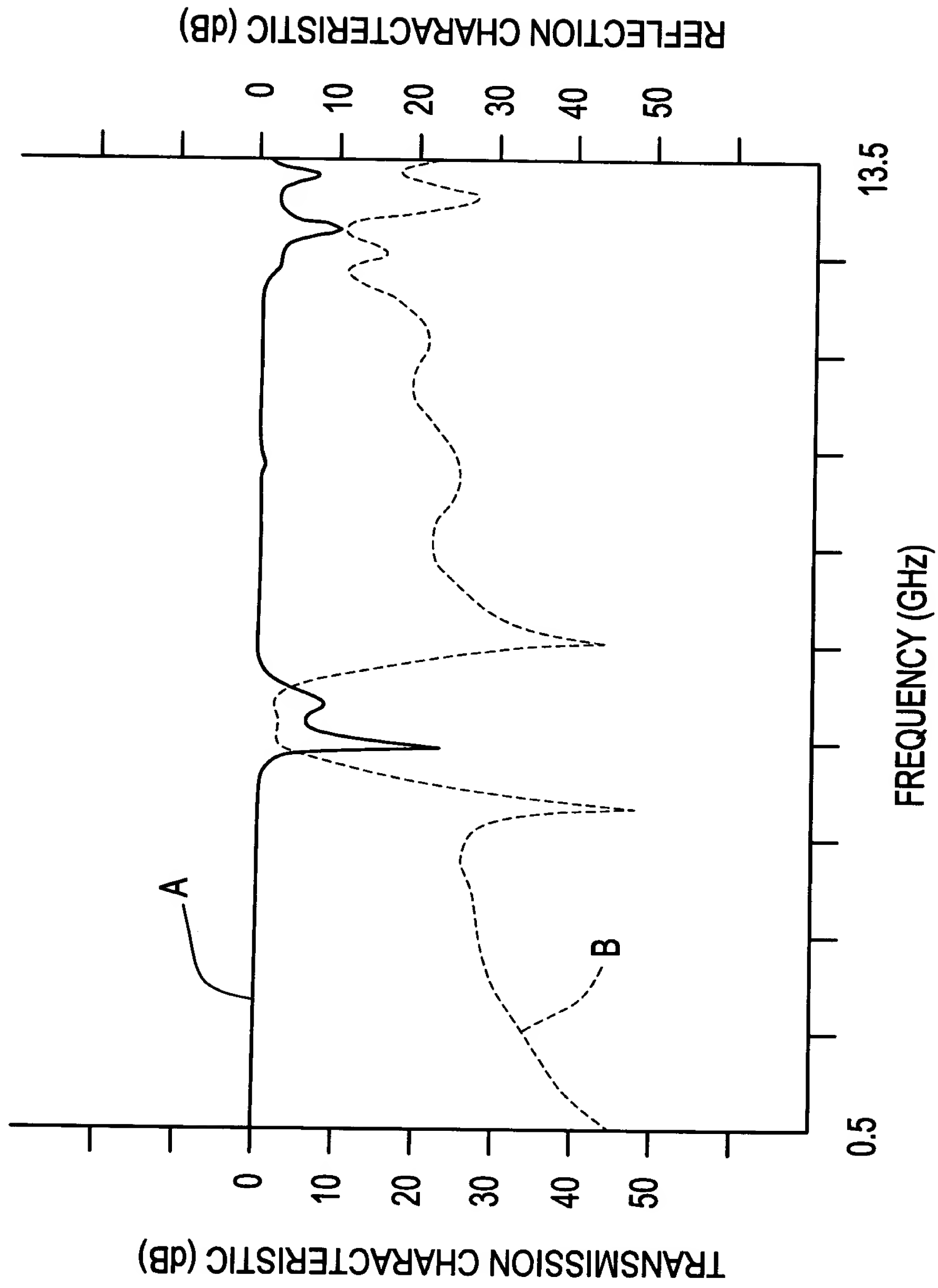


FIG.28

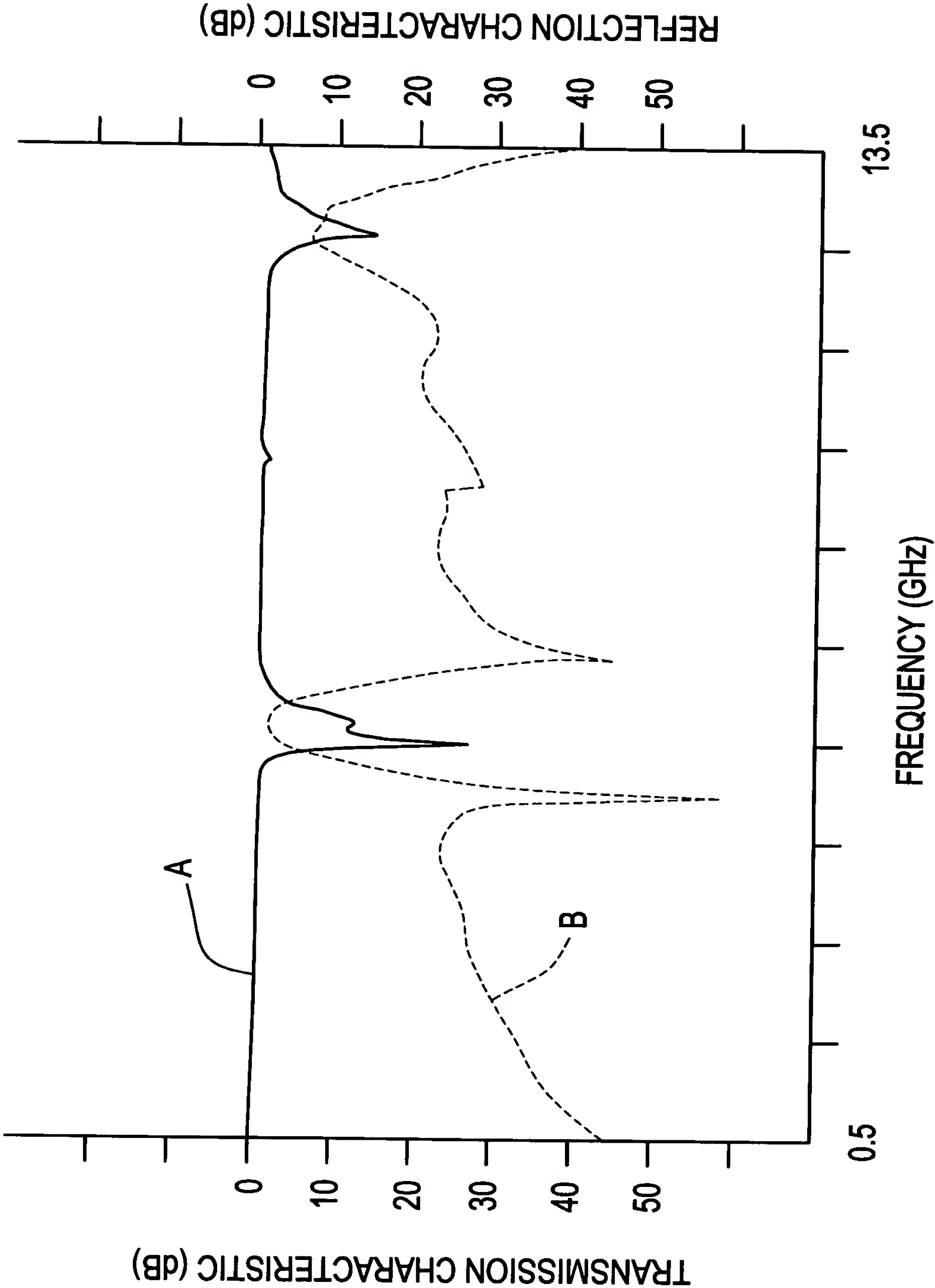


FIG. 29

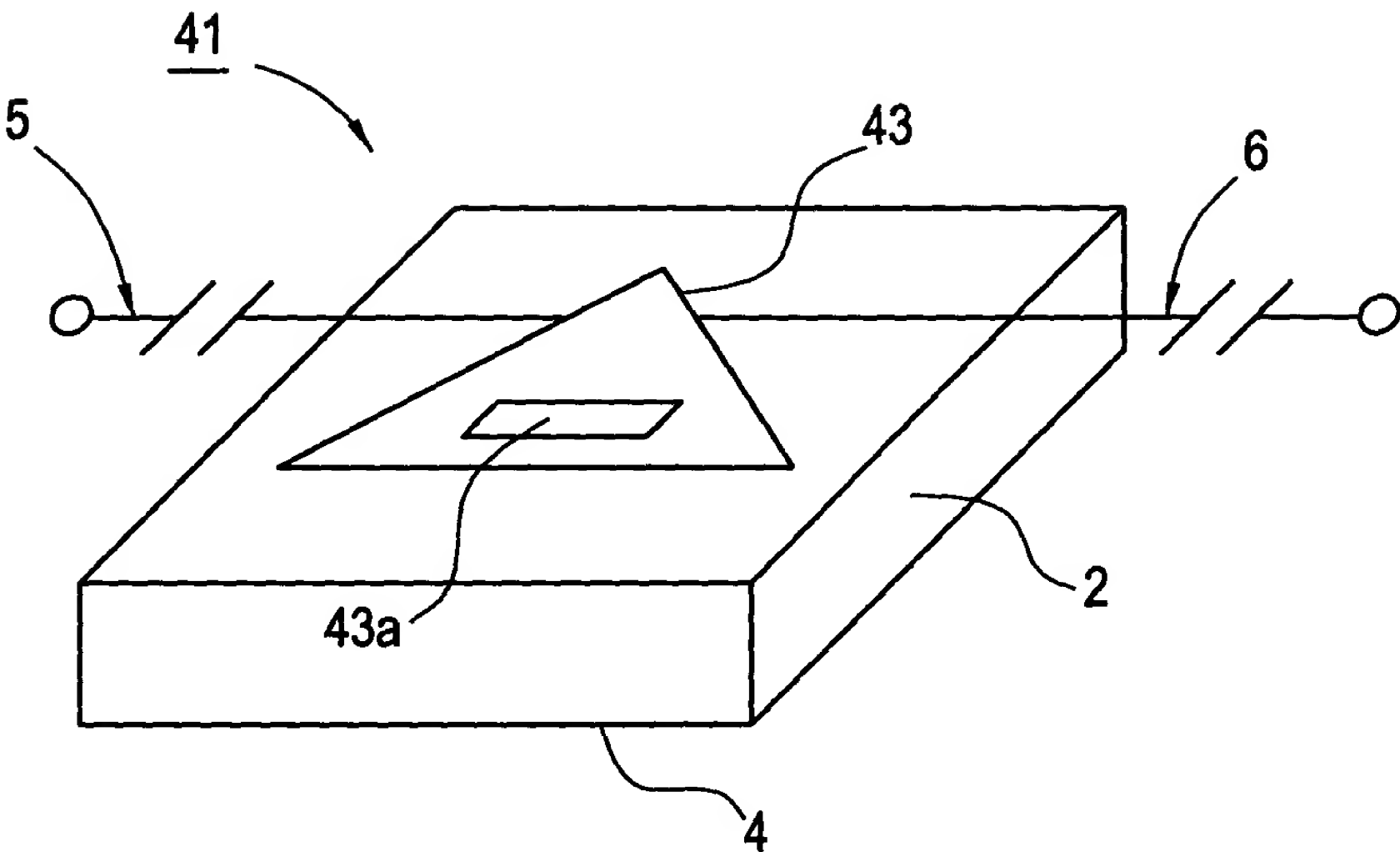


FIG. 30

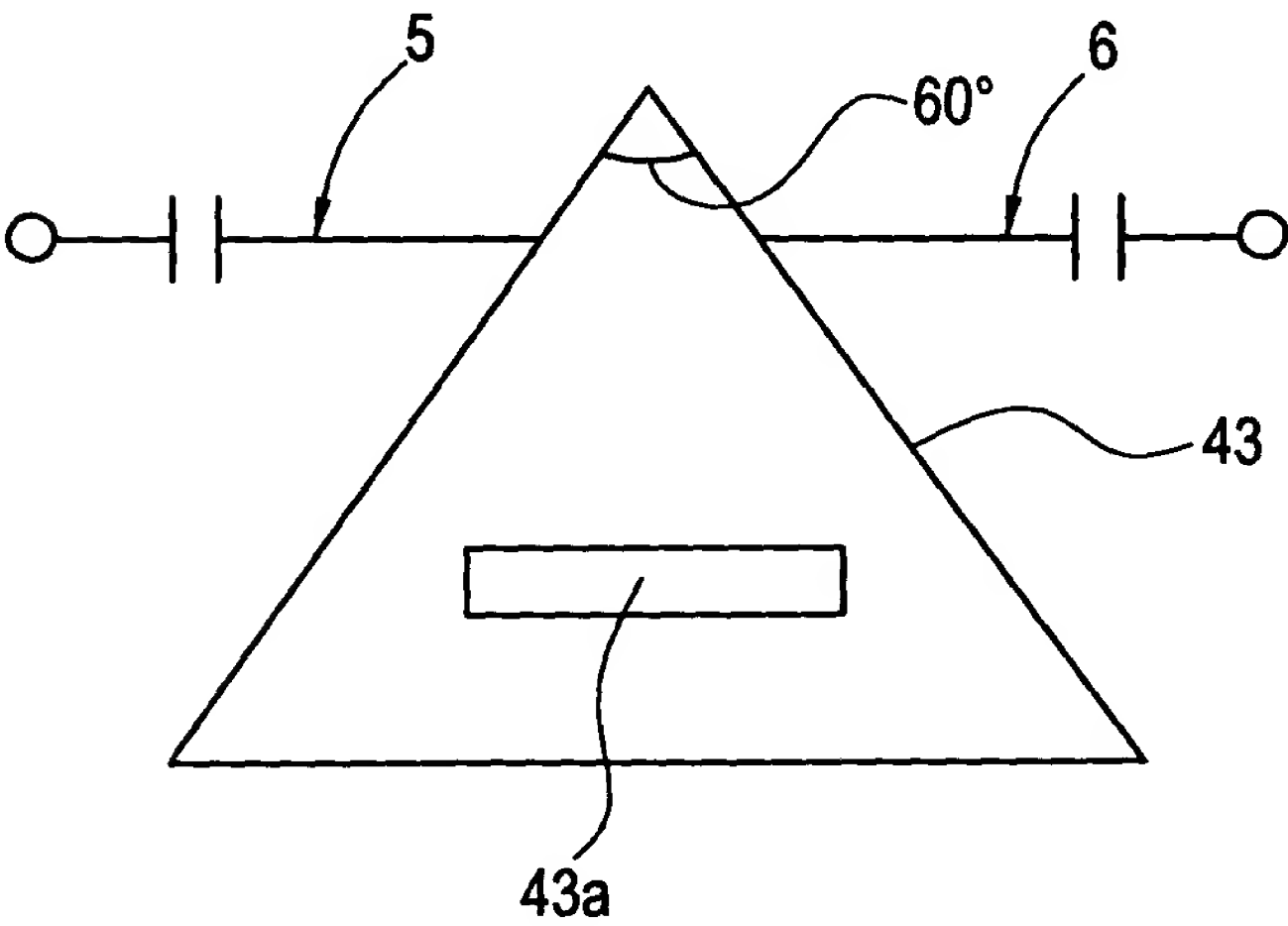


FIG. 31

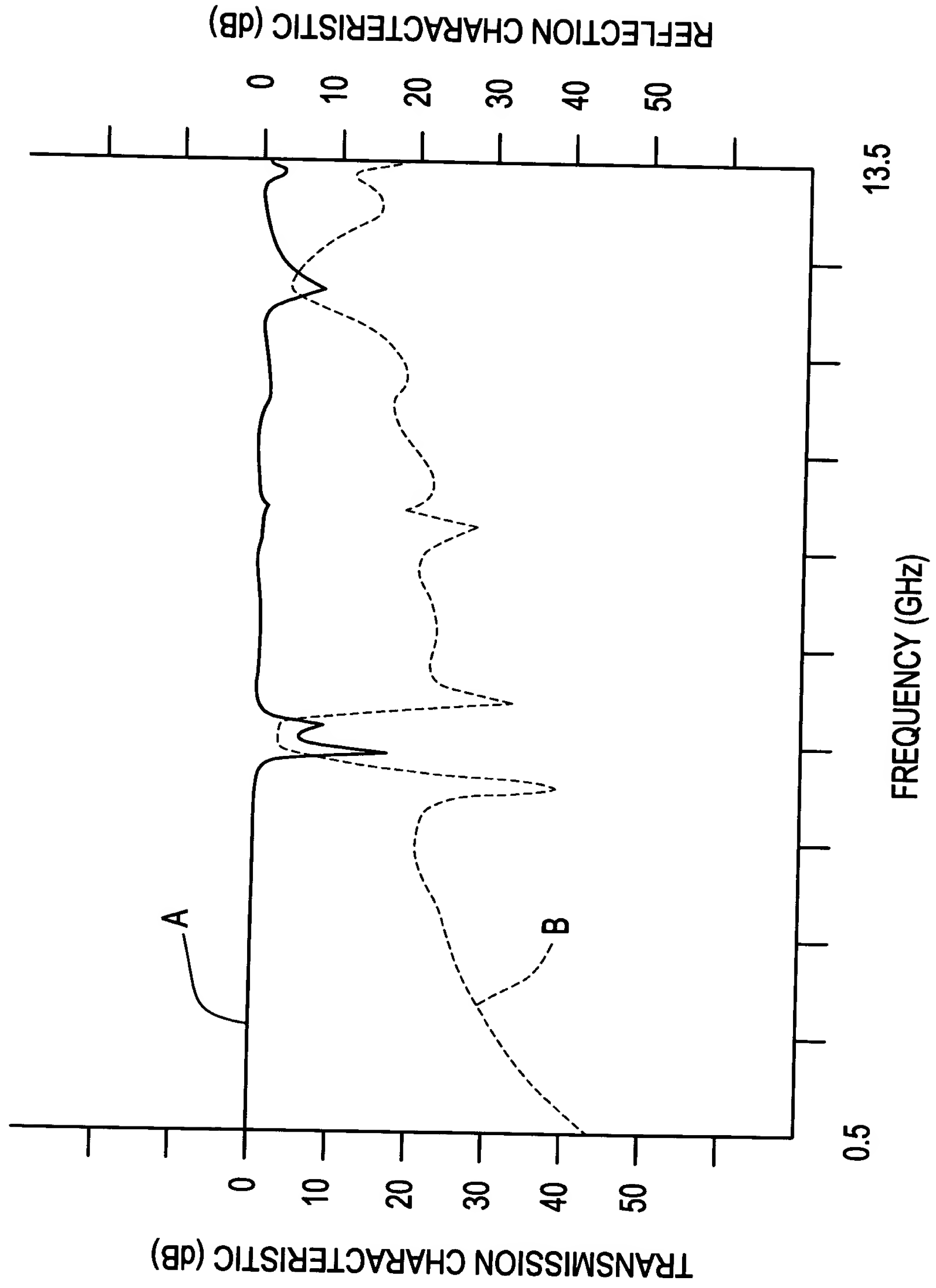


FIG. 31 is a graph showing the transmission and reflection characteristics of a device. The x-axis represents frequency in GHz, ranging from 0.5 to 13.5. The left y-axis represents the transmission characteristic in dB, ranging from 0 to 50. The right y-axis represents the reflection characteristic in dB, ranging from 0 to 50. Curve A (solid line) shows the transmission characteristic, which is 0 dB for frequencies below 10 GHz, drops sharply to a minimum of approximately 10 dB at 10.5 GHz, and then rises back to 0 dB for frequencies above 11.5 GHz. Curve B (dashed line) shows the reflection characteristic, which is 0 dB for frequencies below 10 GHz, rises sharply to a maximum of approximately 40 dB at 11.5 GHz, and then drops back to 0 dB for frequencies above 12.5 GHz.

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FIG. 32

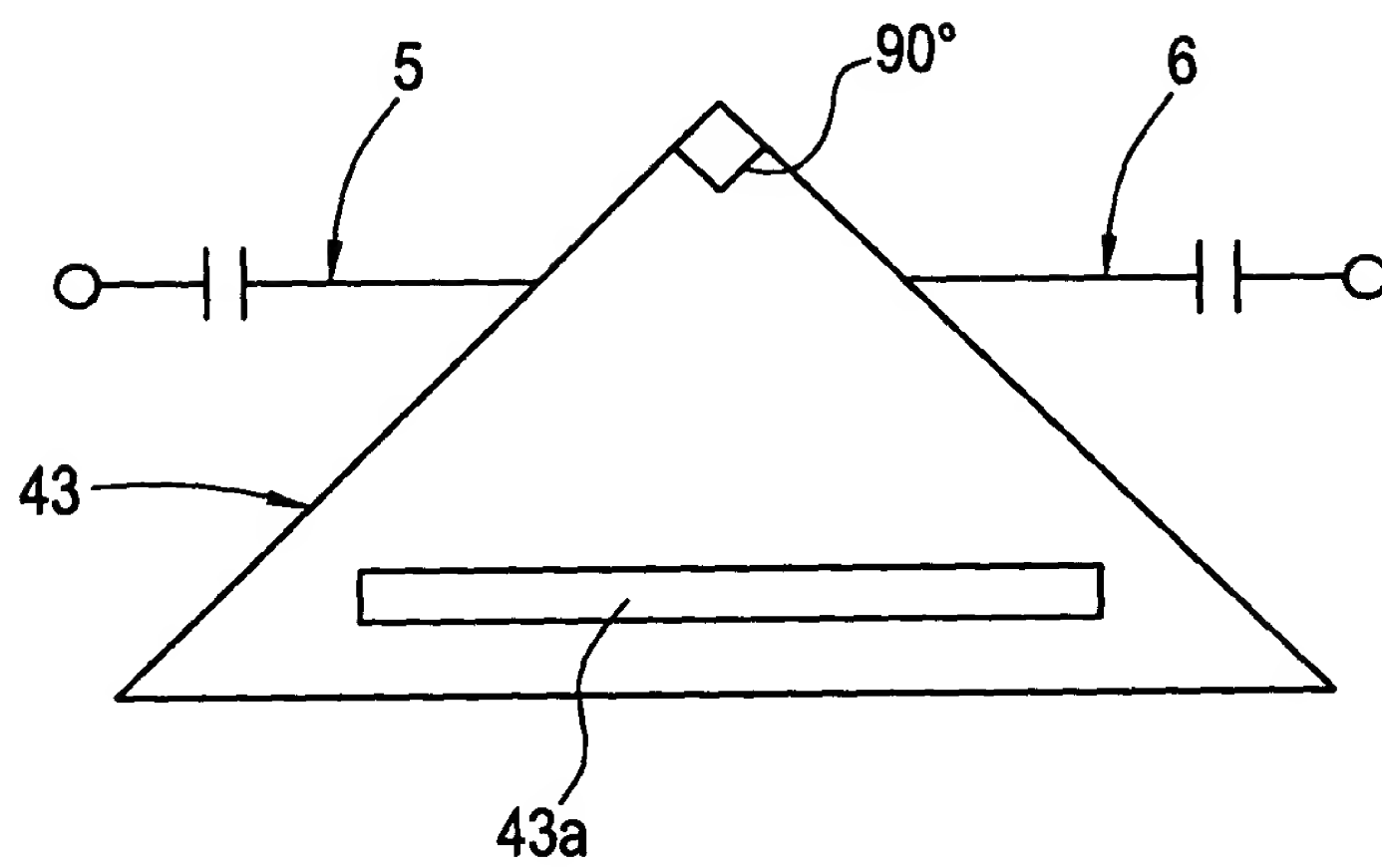


FIG. 34

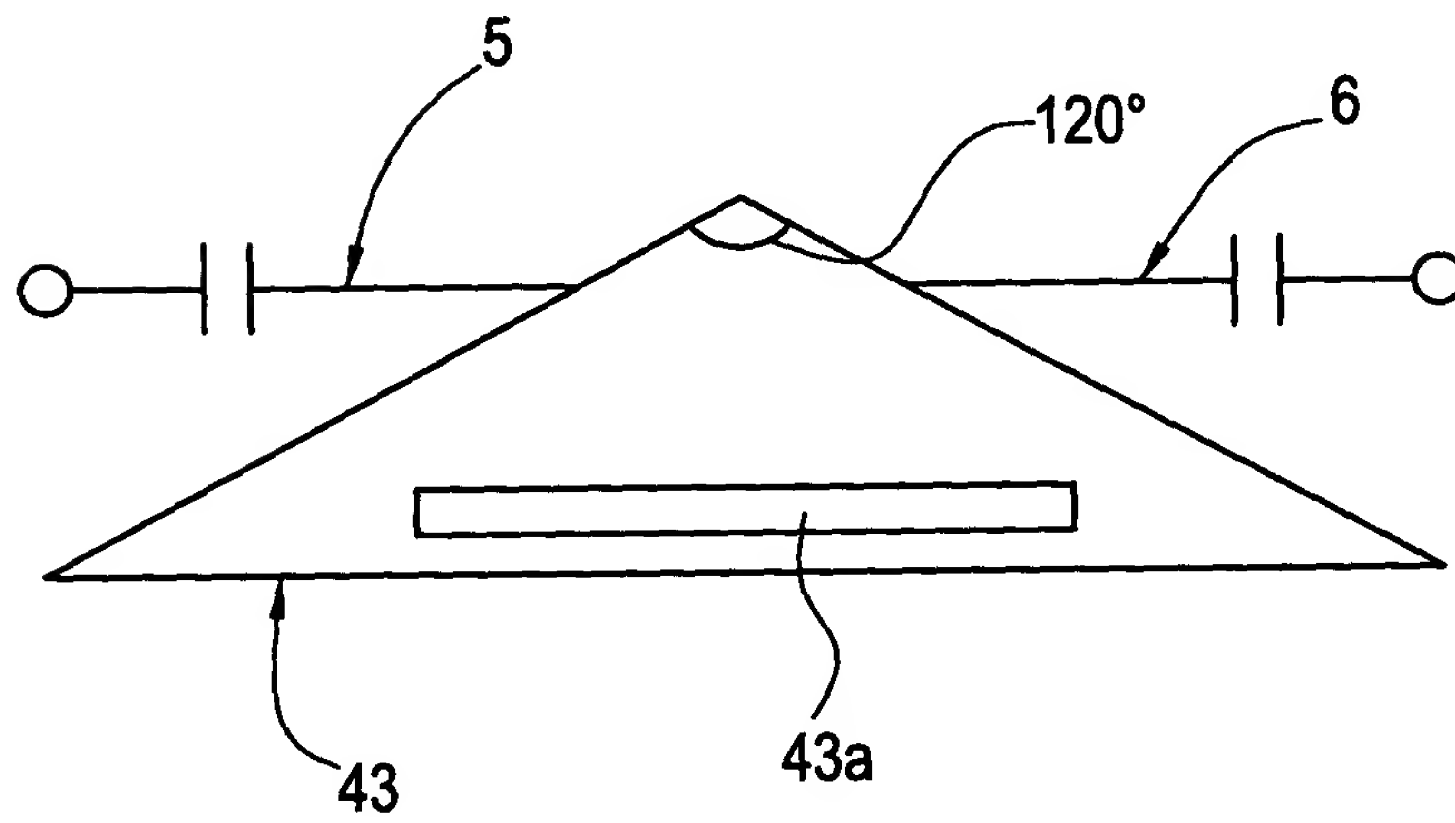


FIG.33

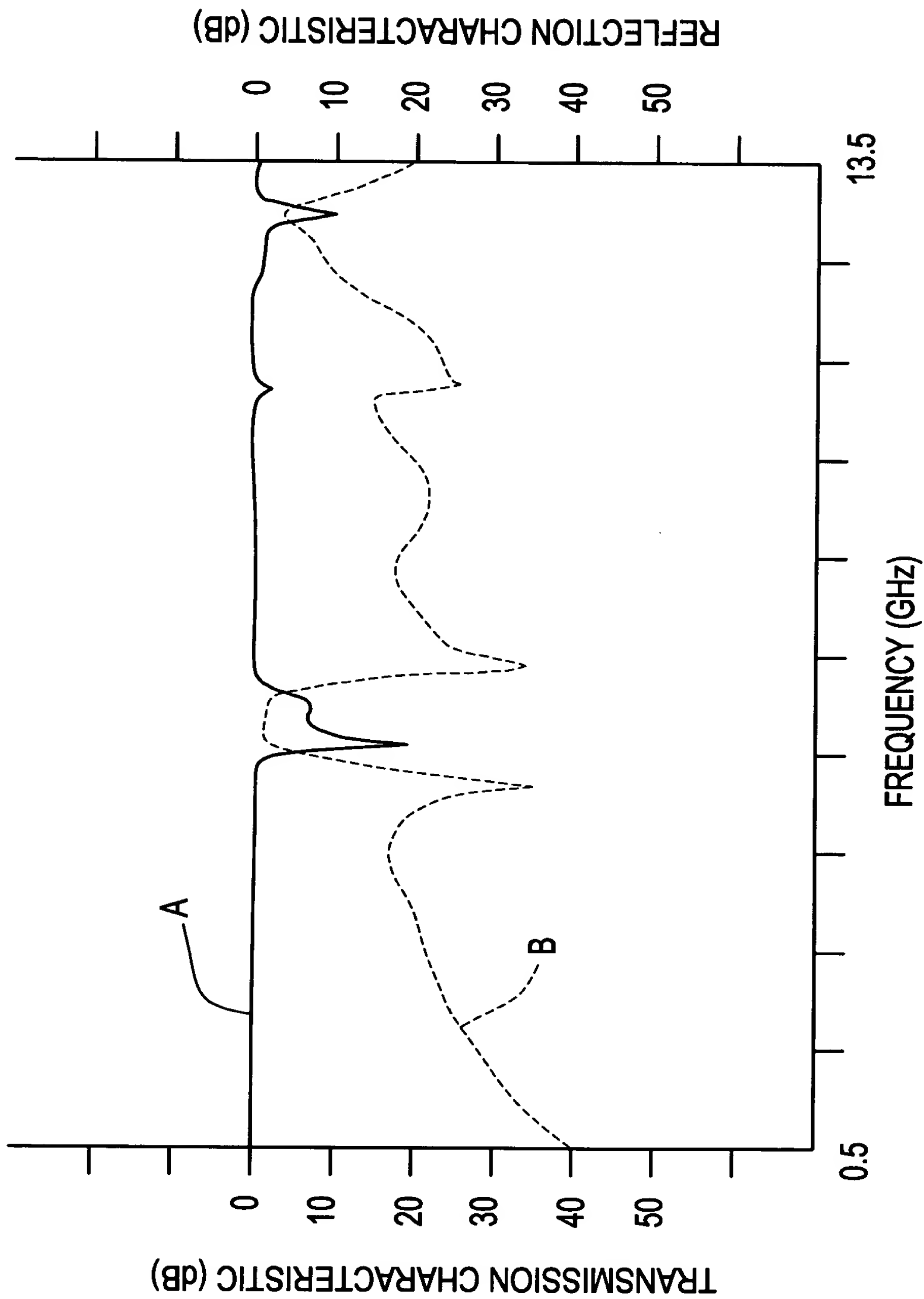


FIG.35

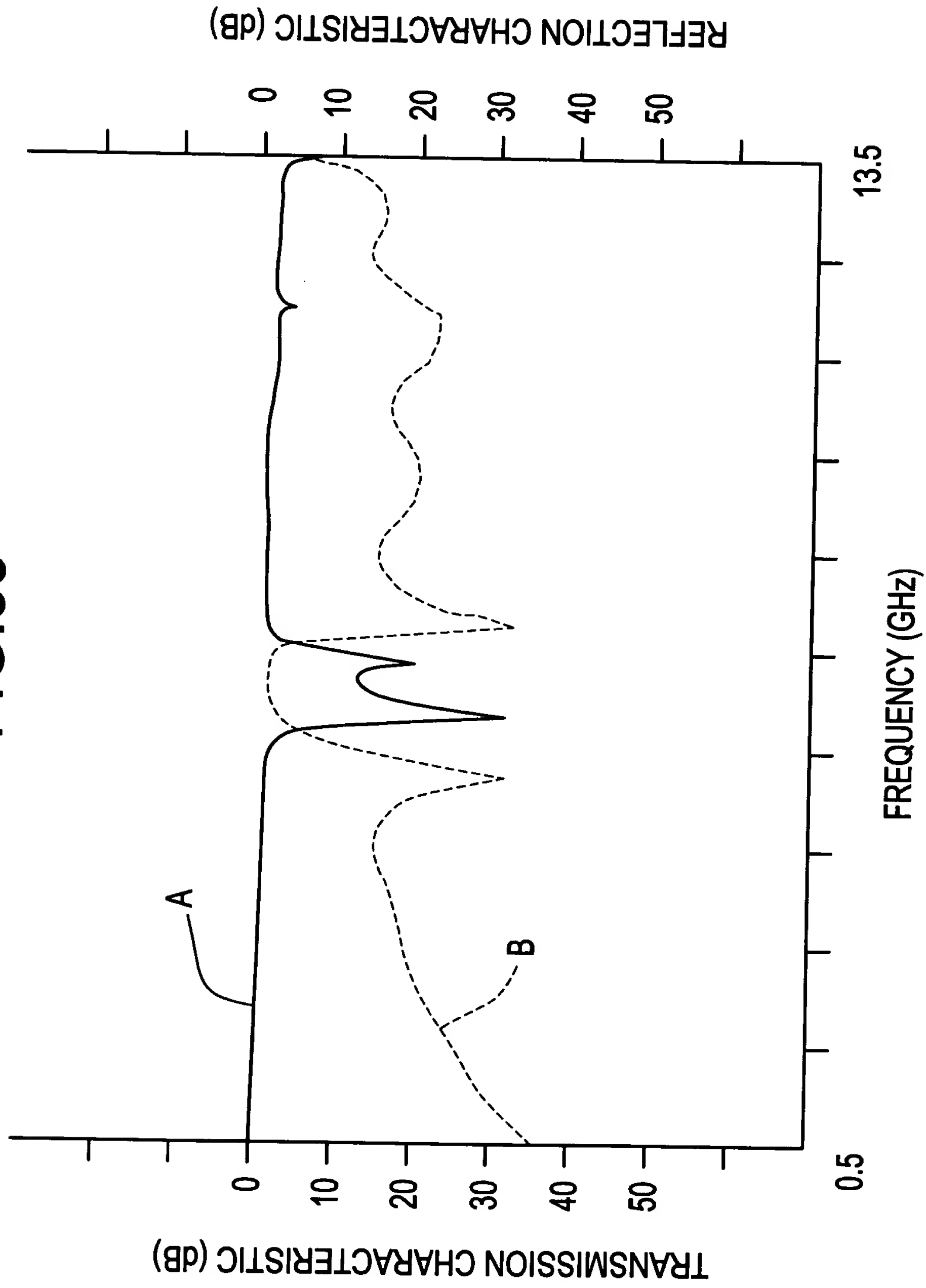


FIG. 36

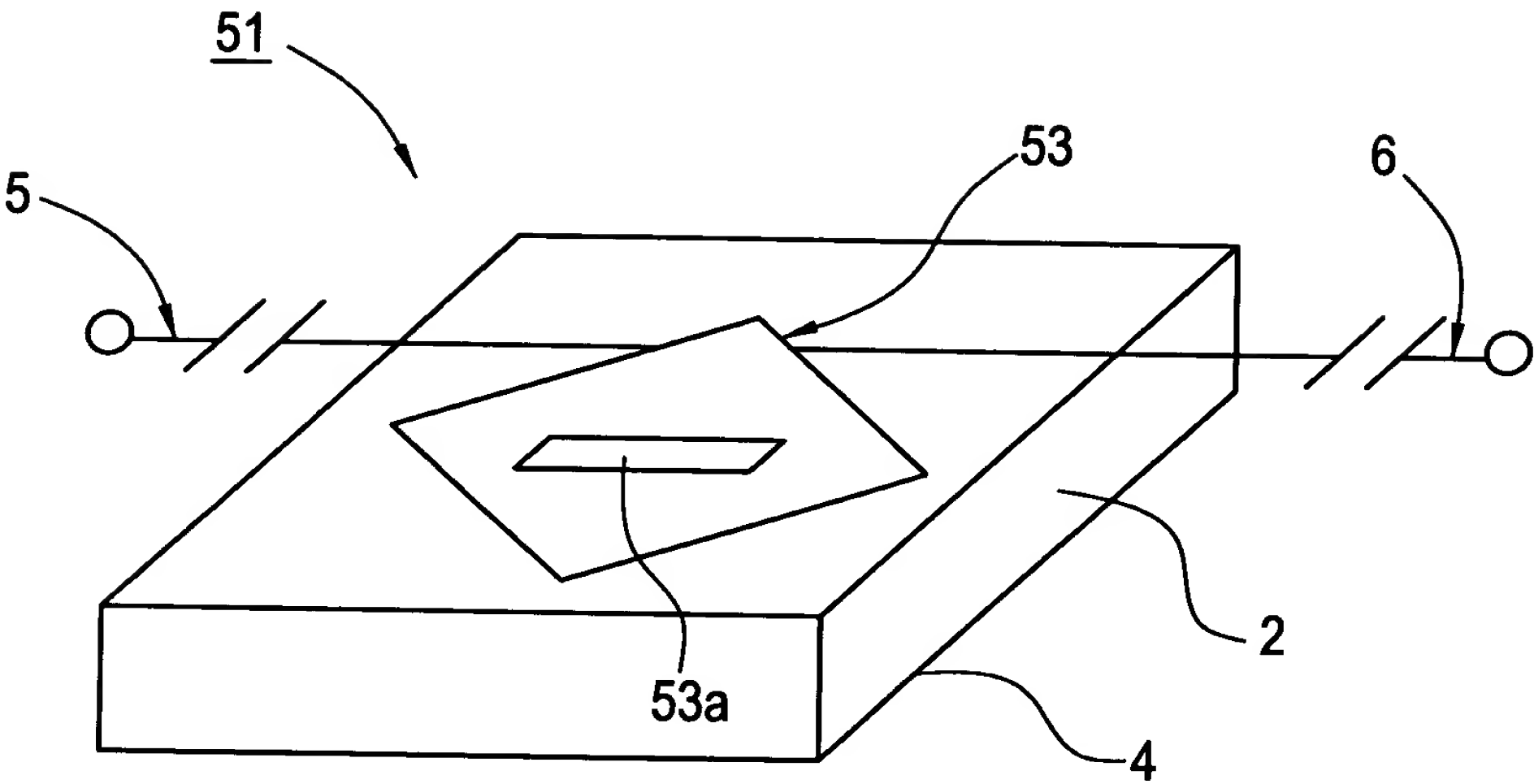


FIG. 37

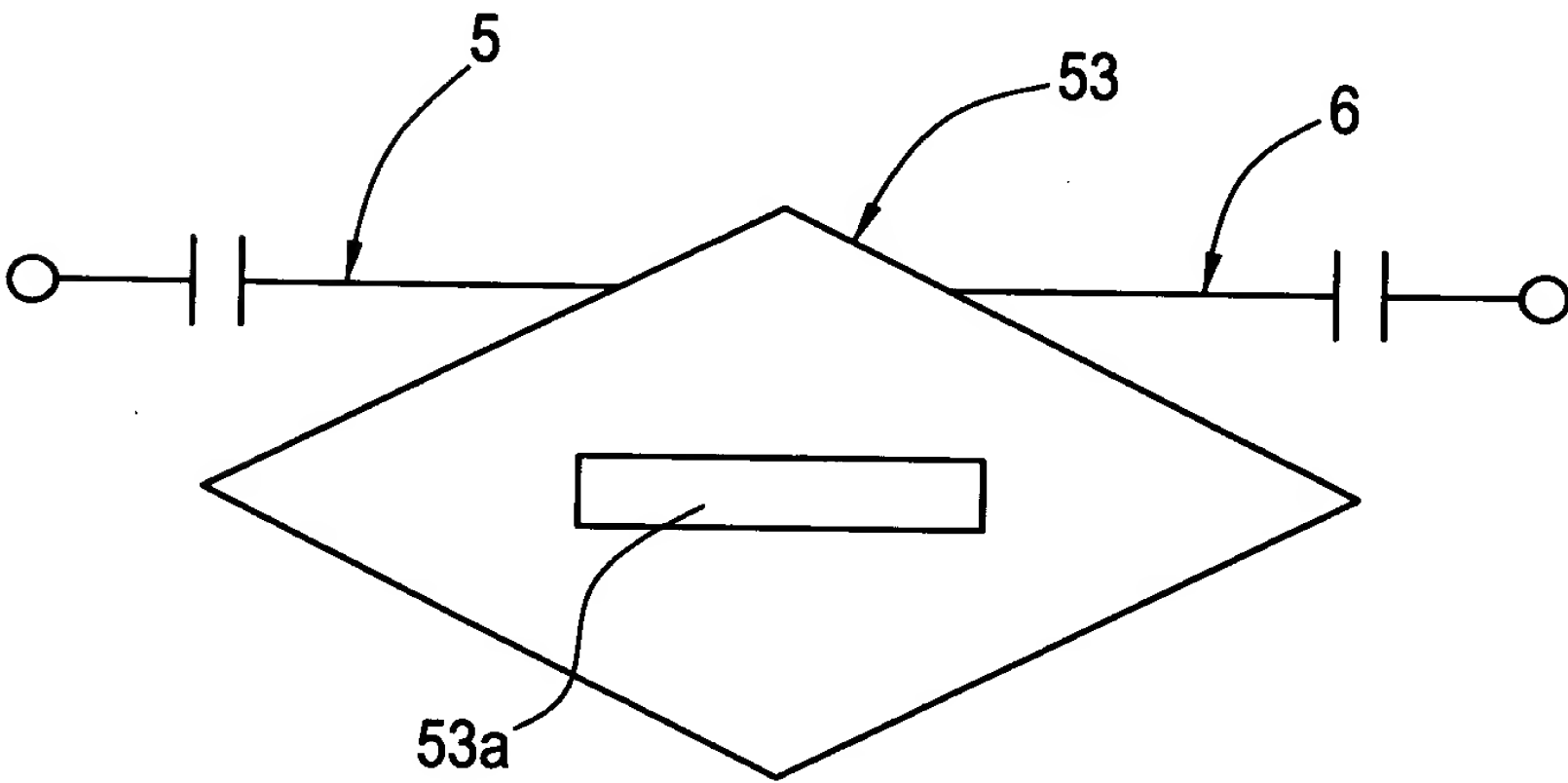
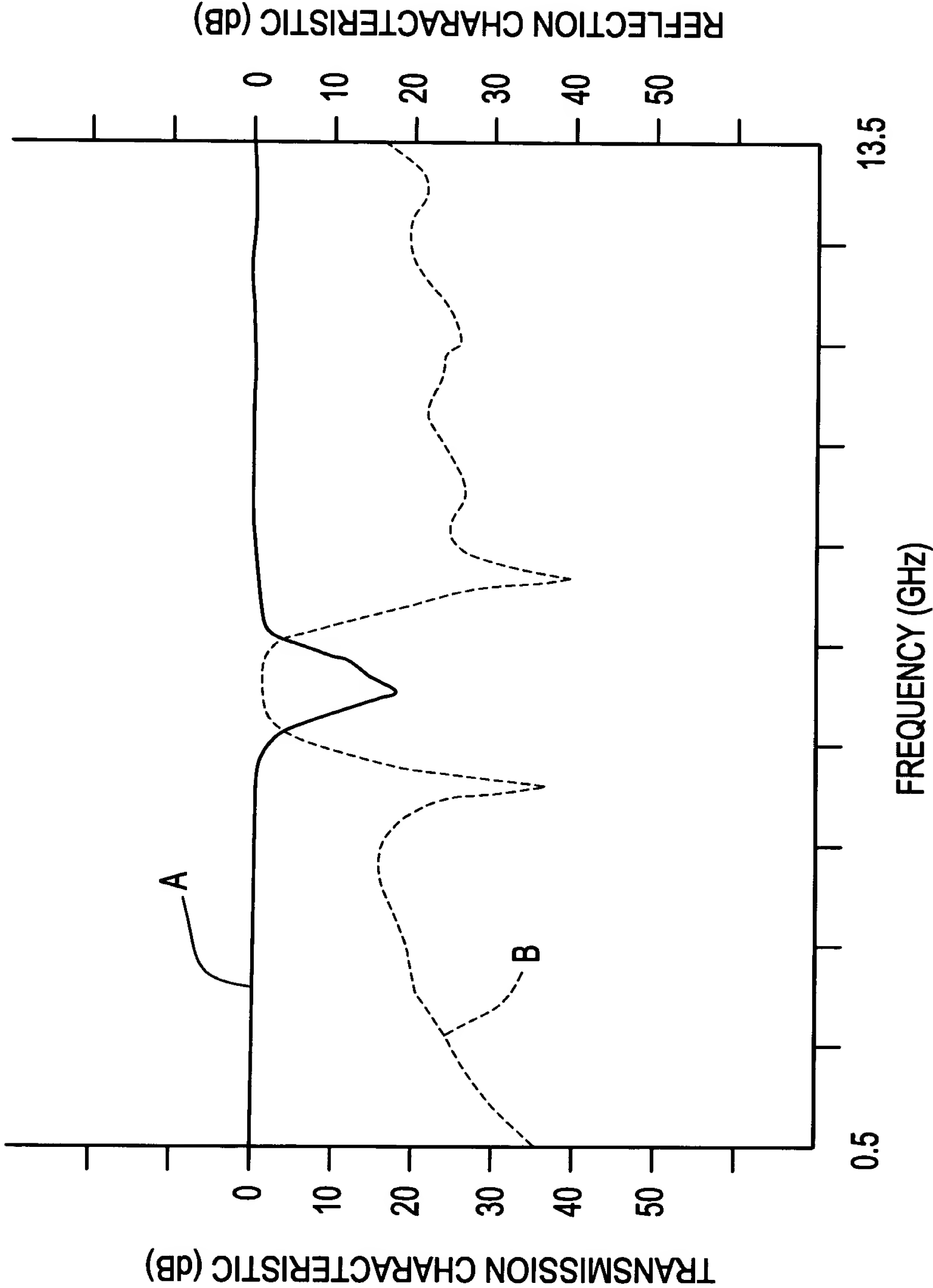


FIG.38



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FIG. 39

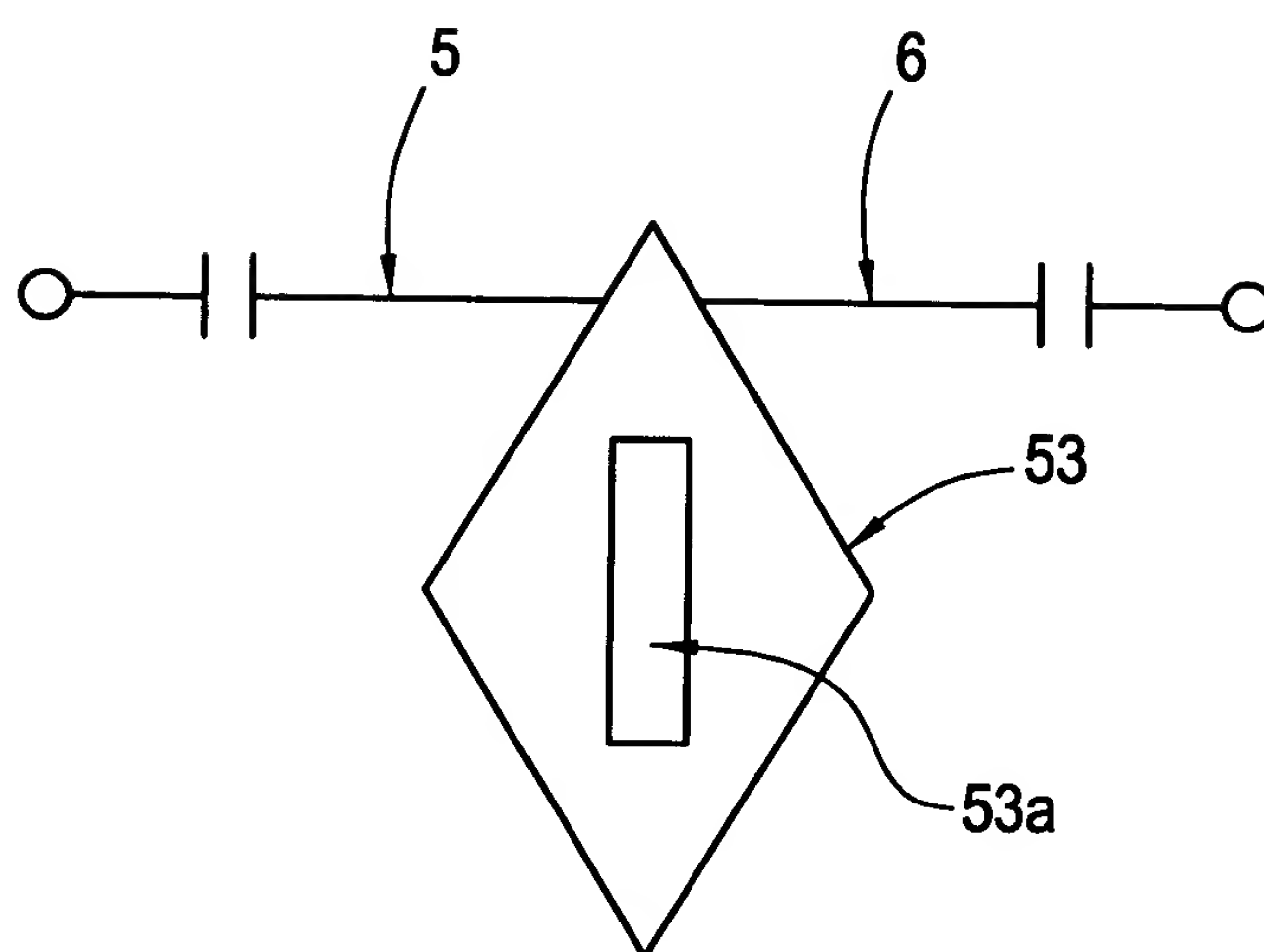


FIG. 41

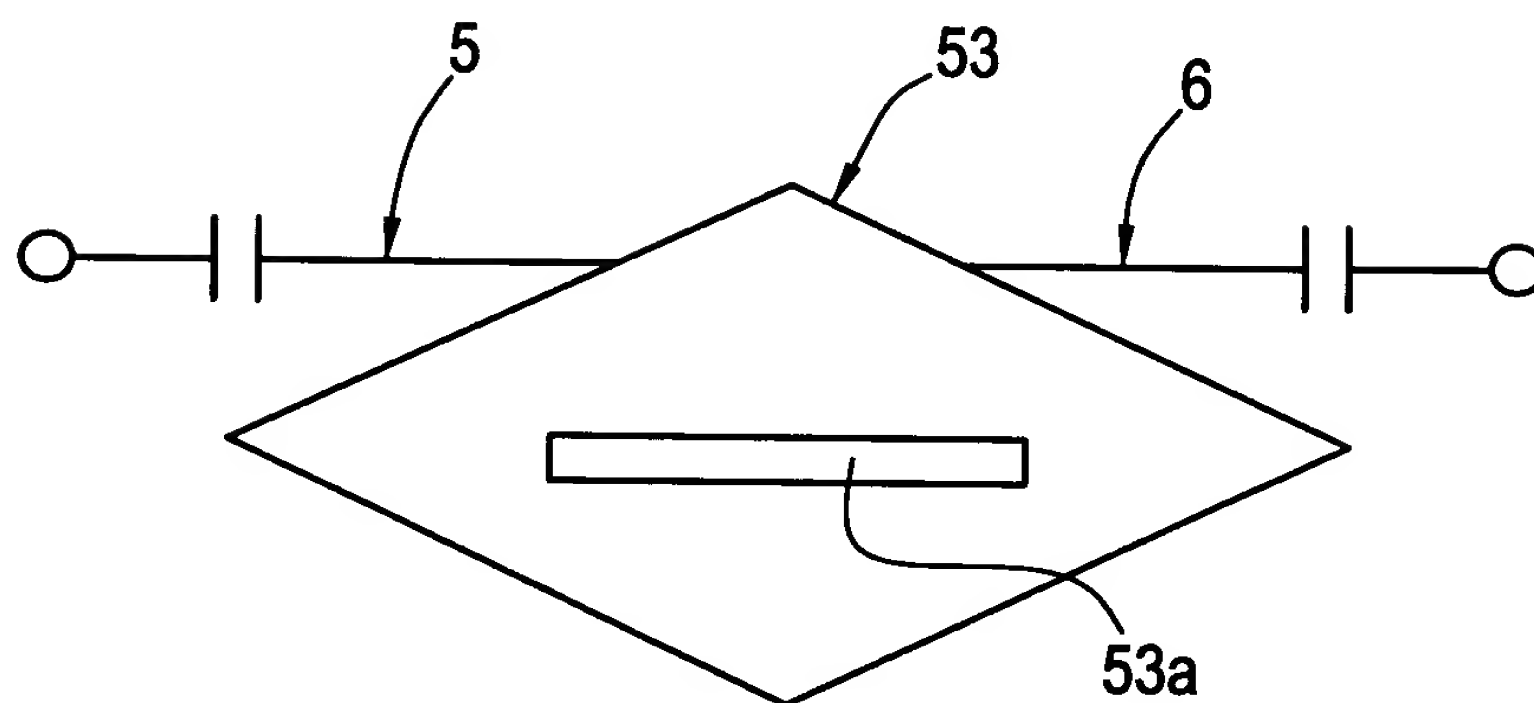


FIG.40

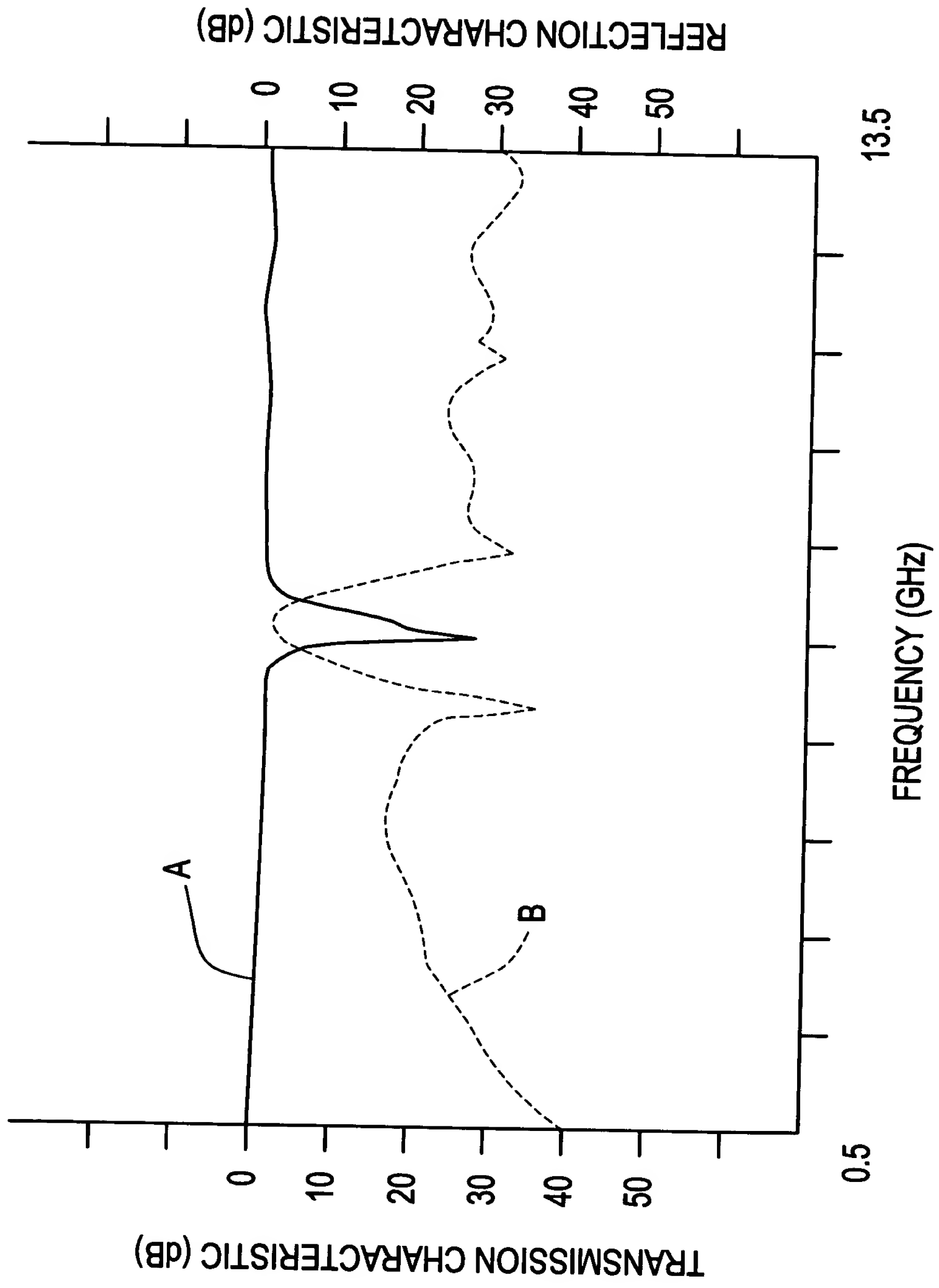
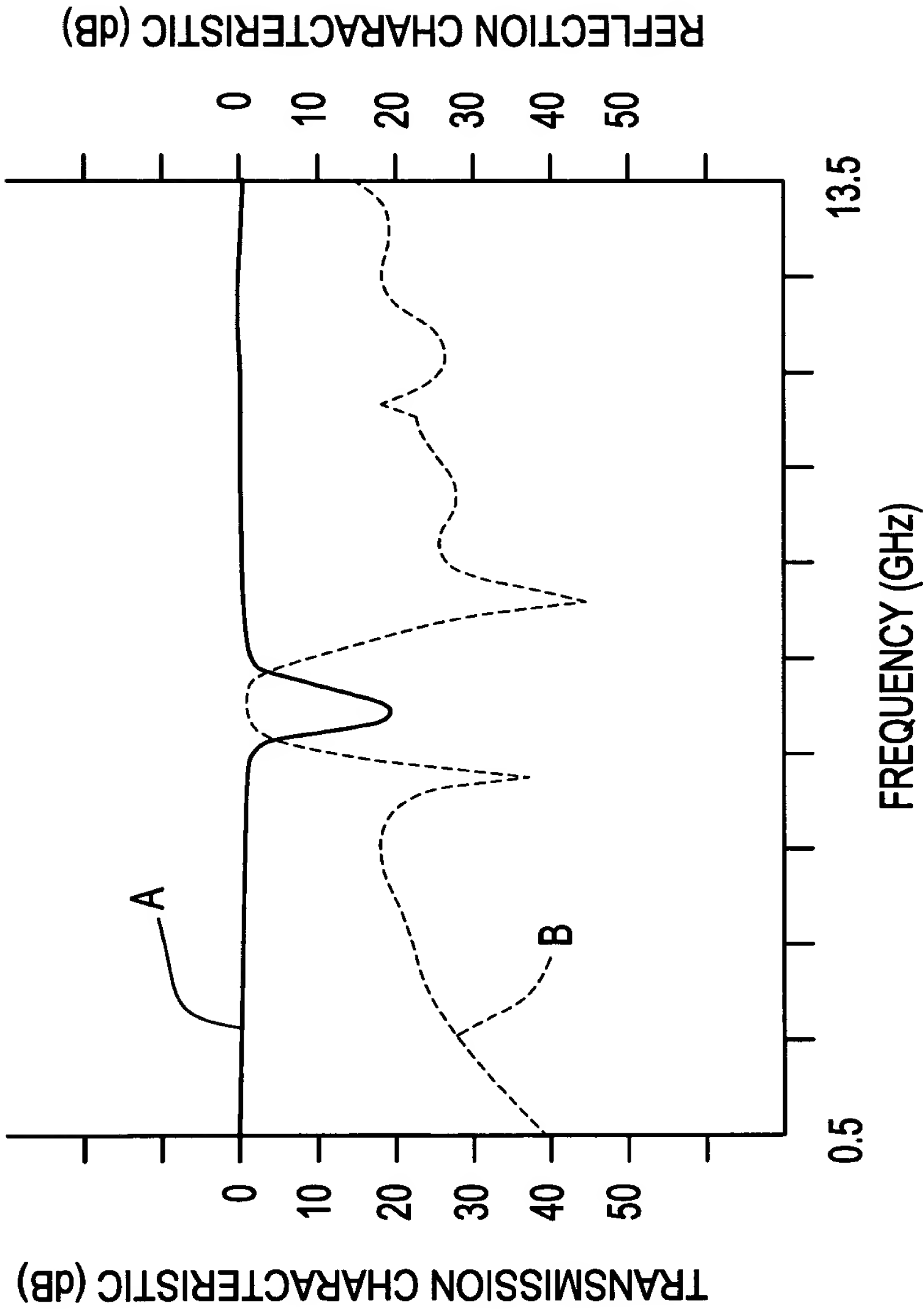


FIG.42



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FIG. 43

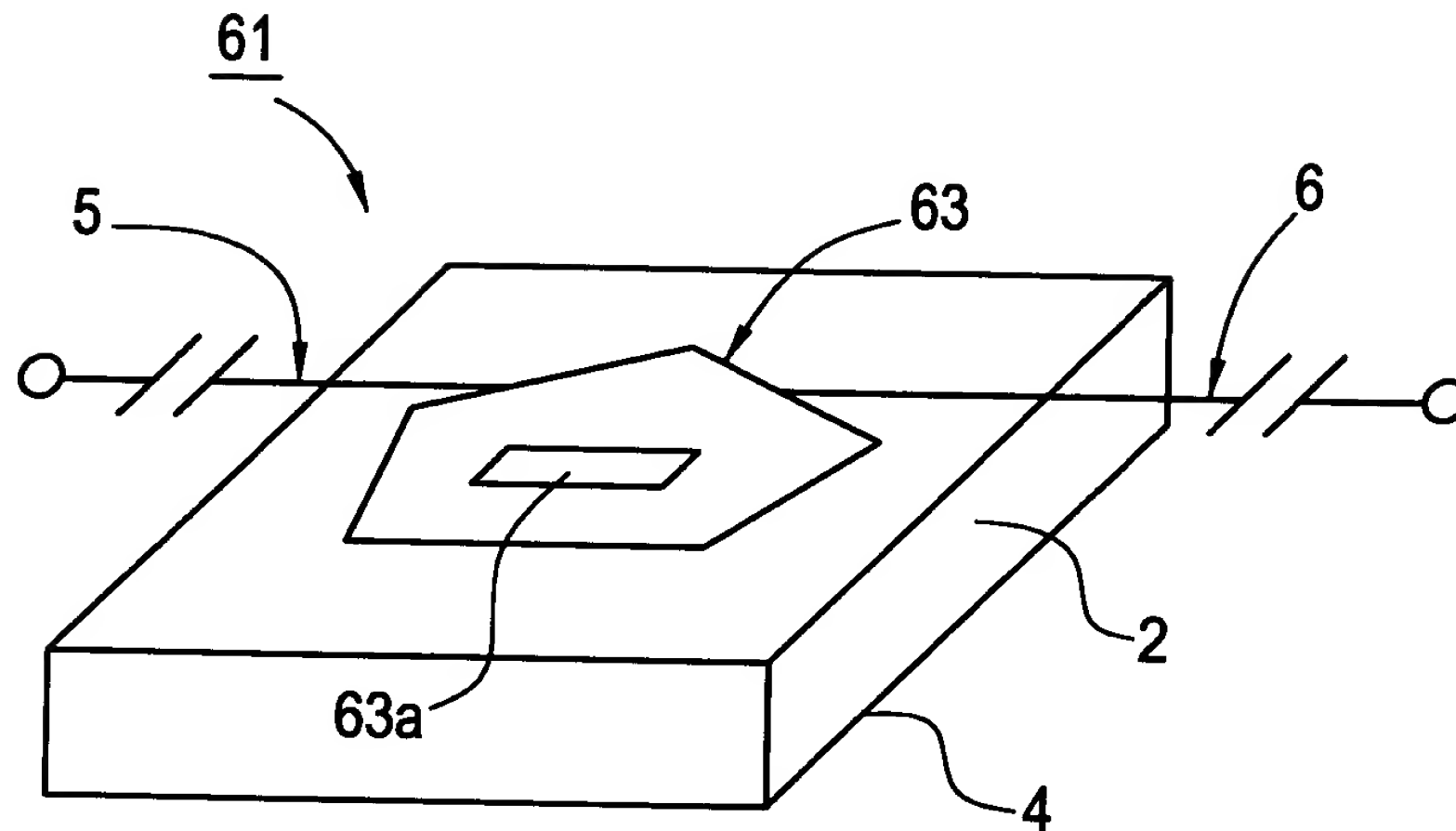


FIG. 44

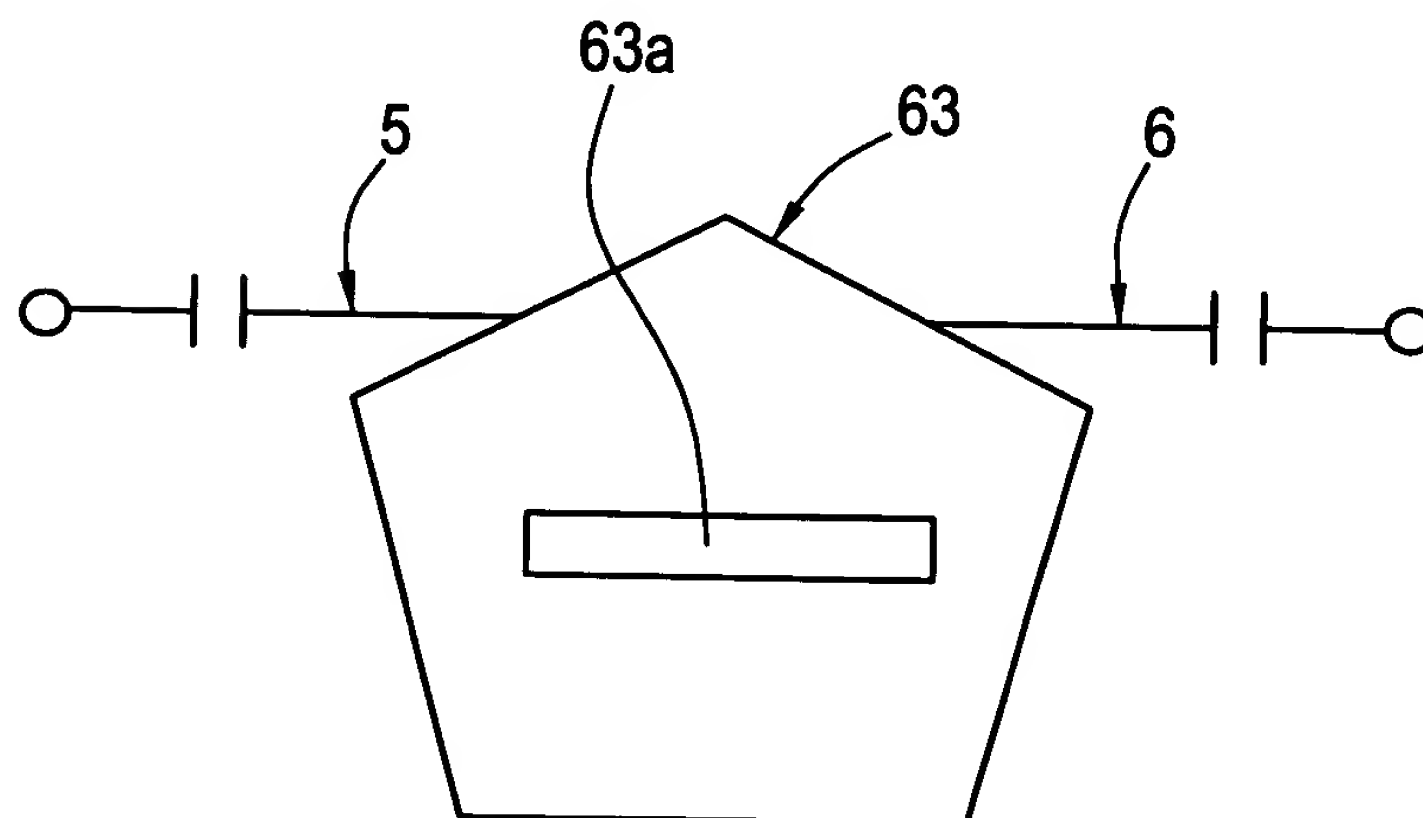
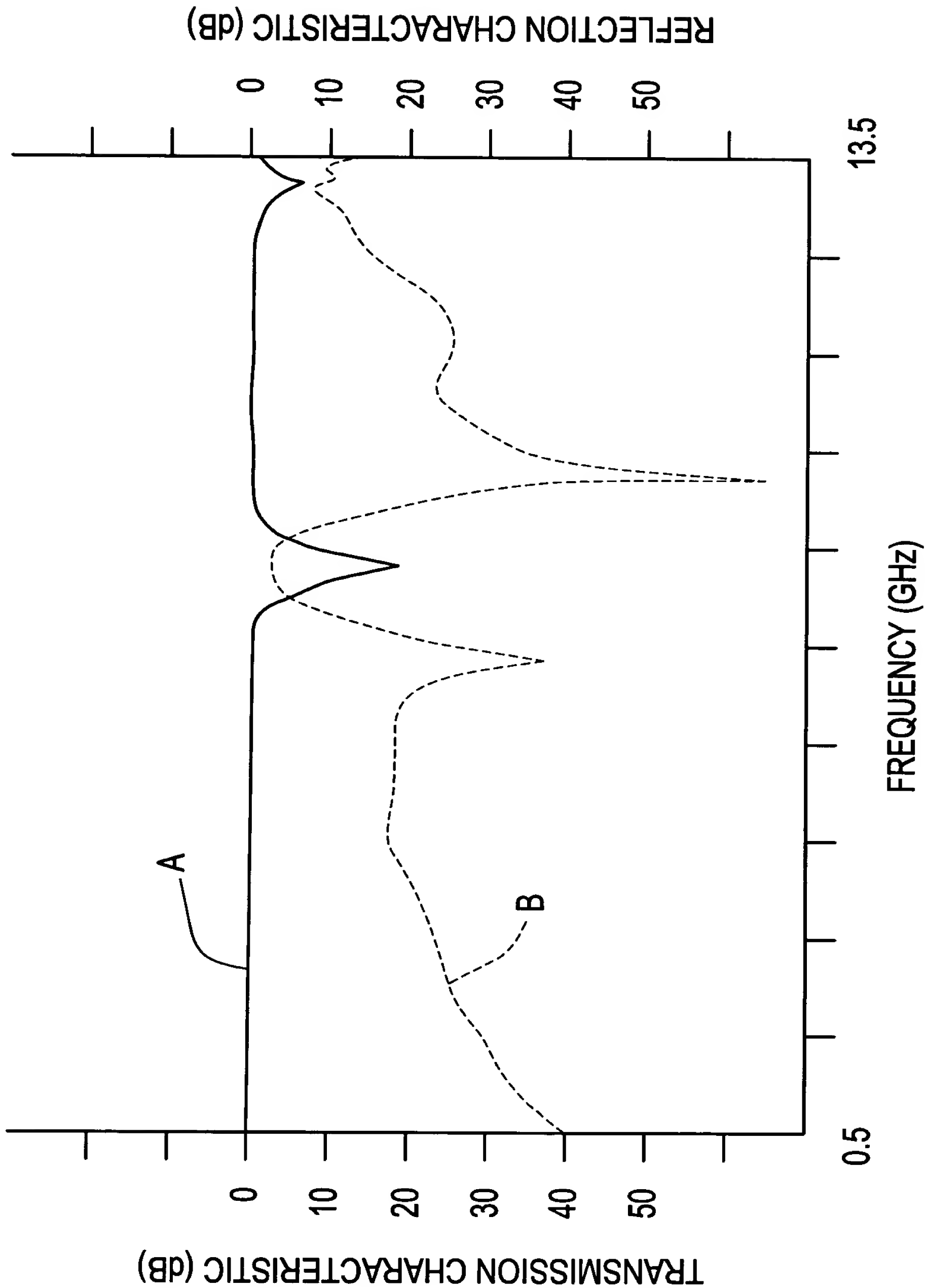


FIG.45



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FIG. 46

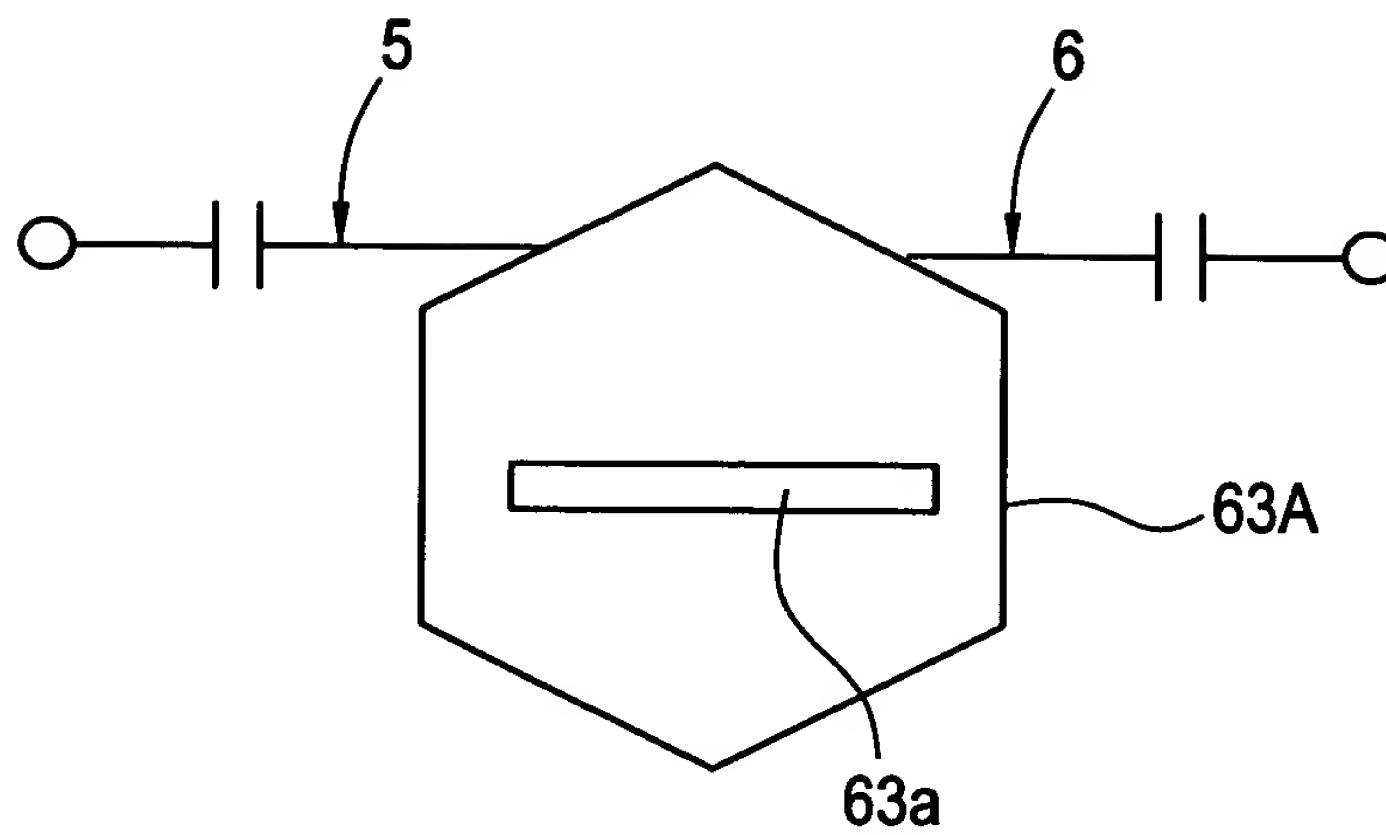


FIG. 48

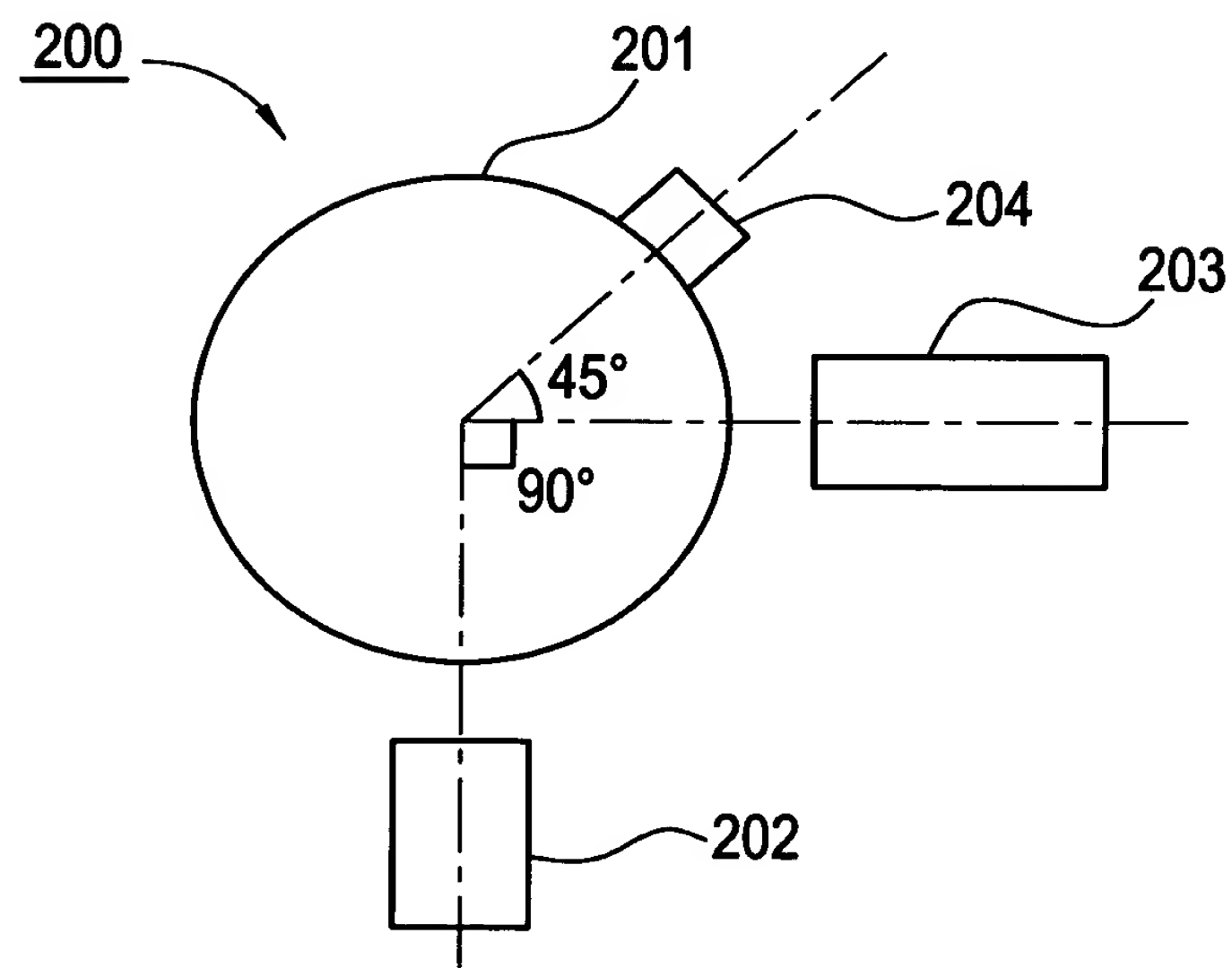
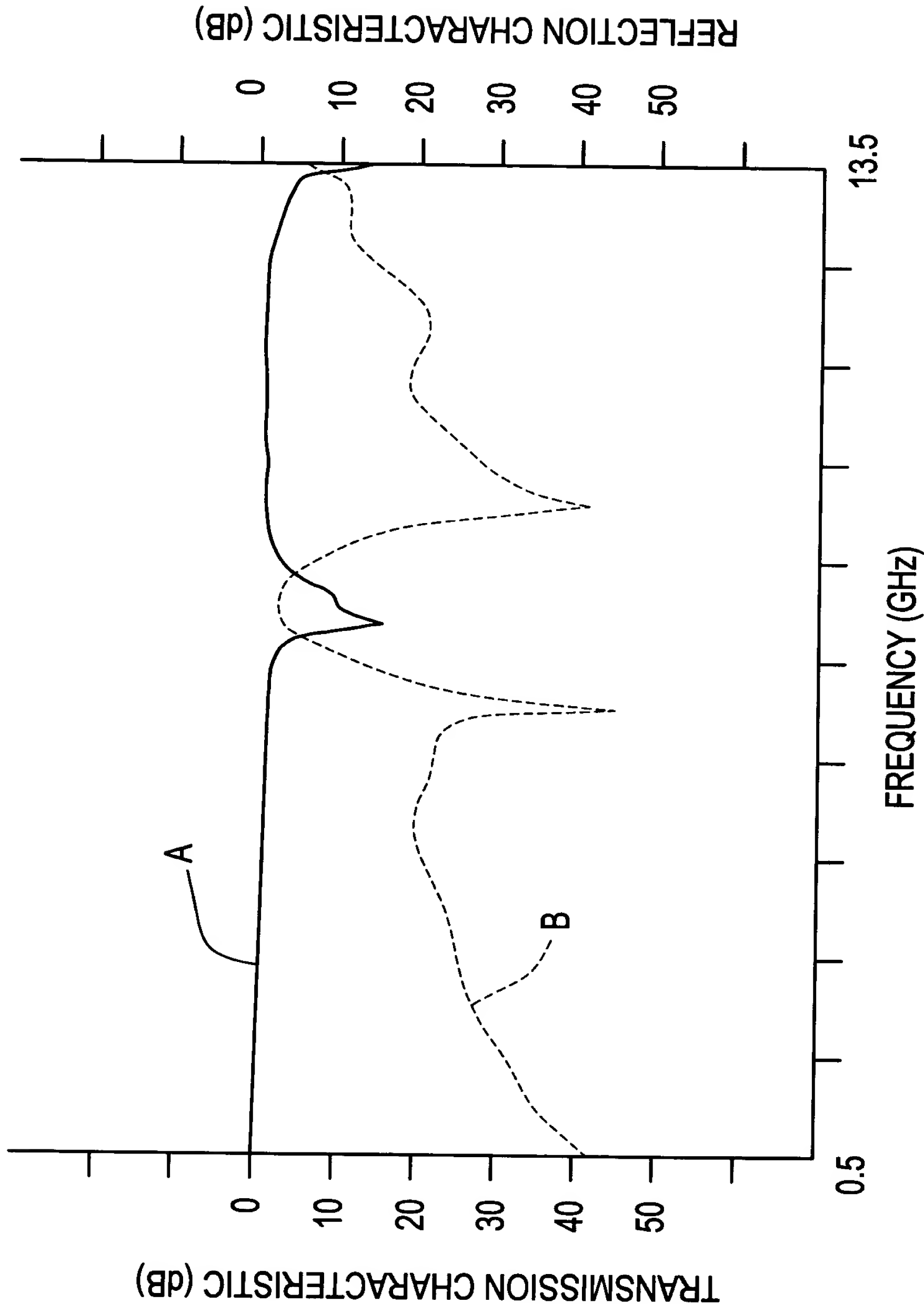


FIG. 47



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FIG. 49

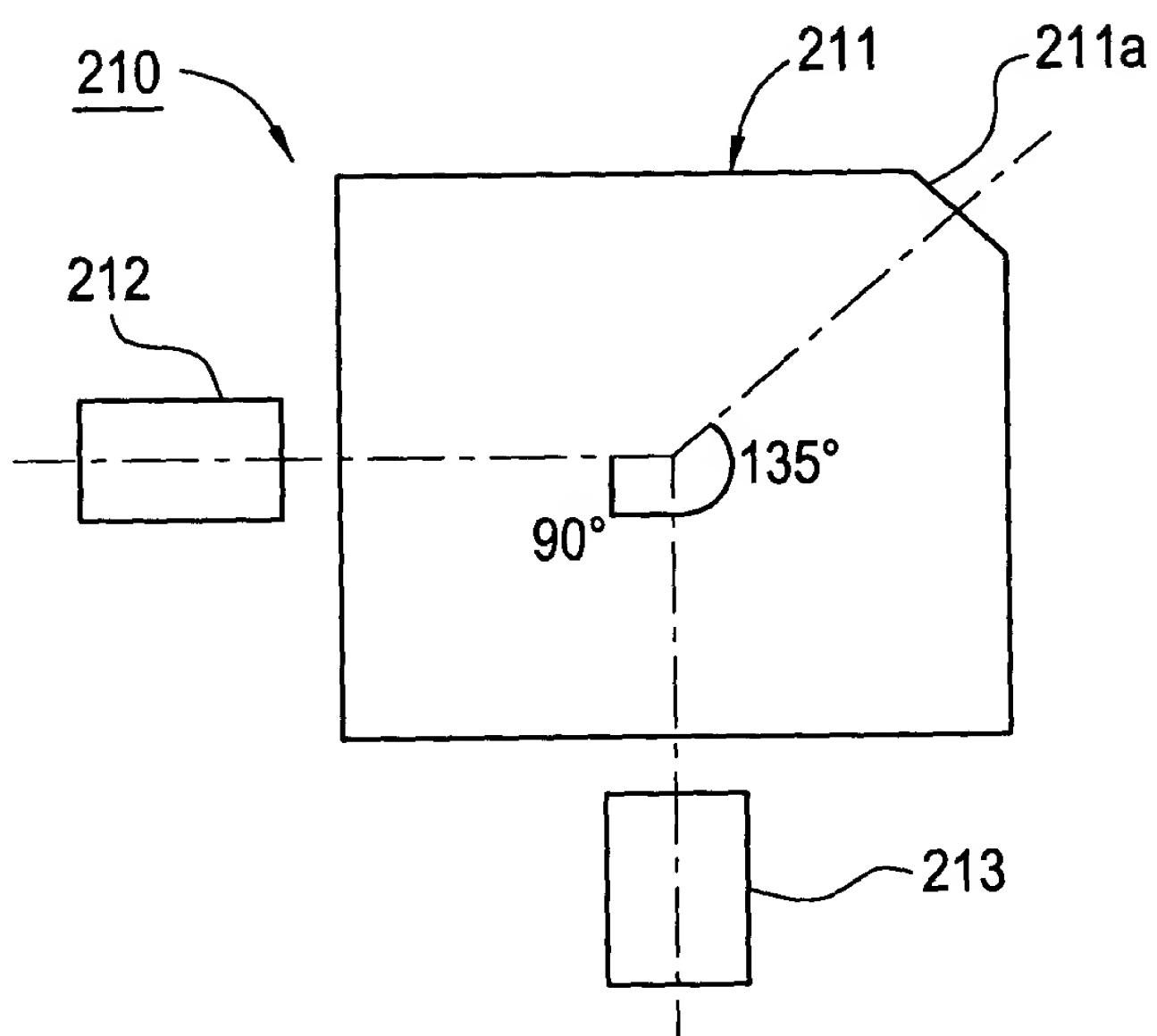


FIG. 50

